



Your new standard













for control panels

WELCOME TO PANEL FAB

EZ Panel Series Product Catalog. We've updated our offering and continue to provide you with industry leading solutions for your control panels. We are proud to present the largest expansion of our product line since its' inception.

What is an EZ Panel? EZ Panels are custom, pre-fabricated subpanel assemblies that you can specify and order using one simple part number. Panels ship ready for controls installation and enclosure mounting.

Why buy from Panel Fab? Standardizing on our panel solution simplifies every control project to save you time and money. We are here to serve you in any capacity and with a smile. Need more reasons?

- Large inventory of panel components = quick turnaround
- Huge selection of sizes and options = compatibility with any control system
- High quality control standards = order accuracy and great looking panels
- Easy, flexible ordering = no panel order minimums or rush order fees
- Personal Service = quick answers on product info and order status
- Available UL Listing = panels built to meet the strictest standards
- Stability = in business since 2000 serving control manufacturers, OEM's, mechanical contractors, control contractors and integrators

Why outsource if you already build panels in-house? Many of our customers have taken a hard look at their operation to discover that this new standard offers significant savings and simplifies every project. Managing an in-house staff is often difficult. Demand fluctuations leave employees with not enough to do, or an inability to keep up. By partnering together, we can drastically reduce the time and money you spend engineering, specifying, ordering, receiving, and fabricating control panels. When your EZ Panel arrives, you can have your in-house shop mount and wire your components or send it right out to the job with a technician.

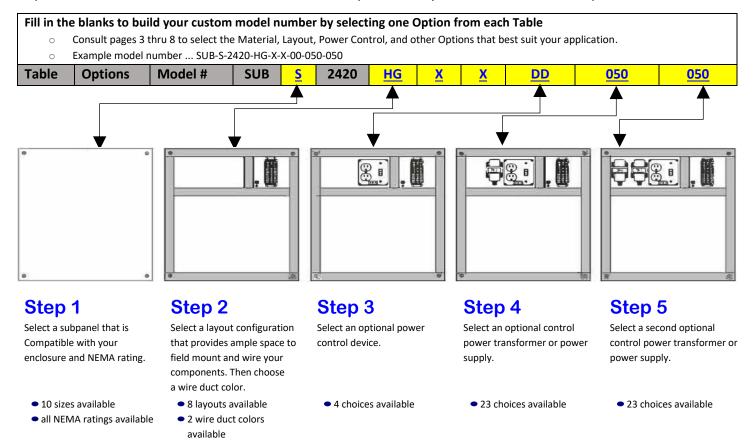
CATALOG



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Ordering is EZ! On the first page for each panel size, you will see a Model Selection Guide like the one shown below. To build your custom model number, simply consult the remaining pages of that panel section to specify options for each of the highlighted fields. Once all selections have been made, you are ready to place an order. Also shown below is a visual example of how your model number and panel is assembled.



Example Model Number... SUB-S-2420-HG-X-X-DD-050-050

Note: The letter "X" shown in the model number indicates no options have been chosen for this field.

Placing your order... Now with your EZ Panel model number in hand, simply consult your local distributor or contact us directly for pricing and to place your order.

Tracking your order... Orders are always confirmed upon receipt. Depending on the volume of outstanding orders and the size of your project, production time will generally range from 3 to 10 days. Upon completion, we will also be glad to follow up with an email confirmation including your shipment tracking number, and estimated delivery date.

Please contact us at any time for assistance with model selection, pricing, or placing your order. Our customer service reps are ready to assist you.

Phone Orders 470-412-0173
Email Orders sales@panelfabricator.com

Fill in the blanks to build your custom model number by selecting one Option from each Table

- o Consult pages 3 thru 10 to select the Material, Layout, Power Control, and other Options that best suit your application.
- o Example model number ... SUB-S-2420-HG-X-X-00-050-050

Table	Options	Model #	SUB	_	2016		_	_			
Туре	SUB	Subpanel Assembly	ı								
Material	P	Hoffman, A20N16MPP, P	erf, NEMA	1						Cont'd	Cont'd
See page 3	S	Hoffman, A20N16MP, sol	id, NEMA	1						Next	Next
Table 1	1	Hoffman, A20P16, indust	rial, solid							Page	Page
	С	Hoffman, CP2016, Conce	pt, solid								
Size	2016	See Page 3, Table 2 for in	terior dim	ensions	_						
Layout	HG	Horizontal layout "H" w/									
See page 3	HW	Horizontal layout "H" w/									
Table 2	VG	Vertical layout "V" w/ gre	•								
	vw	Vertical layout "V" w/ wh									
	DG	DIN rail layout "D" w/ gre	•								
	DW	DIN rail layout "D" w/ wh									
	EG	Economy layout "E" w/ g	•								
	EW	Economy layout "E" w/ w	hite Pand	uit F Series	wire duct]				
Approvals	X	No approval required									
	U	Meets 508A Standard for	UL Listed	Open Cont	trol Panel						
Options	X	No option selected									
See page 4	Α	3 amp DIN rail mounted of									
	В		o DIN rail mounted circuit breaker substituted for terminal "L"								
	С		np DIN rail mounted circuit breaker substituted for terminal "L"								
	D		p fuse holder terminal substituted for terminal "L" w/ Buss fast-blo fuse								
	E		np fuse holder terminal substituted for terminal "L" w/ Buss fast-blo fuse								
	F	10 amp fuse holder termi			•			se			
	G	Switching terminal block									
	H	Finger-safe terminal bloc		•	**		. ,	,			
	1	10 extra terminals mount			` ''		0	,			
	J	20 extra terminals mount					0	,			
	K	40 extra terminals mount			, , ,		0	,			
	L	Solid wall wire duct to en									
	M	2x4 box w/ 2 gang Cat5E	-	-	•						
	N O	2x4 box w/ 4 gang Cat5E			s – snips ioose	w/ screws	S				
Power Control	XX	5ft Cat5E cable, male/ma No factory mounted disco			roquirod						
	DS	Used for SW-1, 15 amp d		•	•	// hov					
See pages 5 & 6	DD	Used for SW-1, 15 amp d		-	•						
	FD	Used for SW-1, 10 amp F		•							
	DL	· ·			-		t 10 ar	nn fuse w/ AvA	hov		
Control Power	000	· · · · · · · · · · · · · · · · · · ·	sed for SW-1, 15 amp disconnect & duplex receptacle, indicator light, 10 amp fuse w/ 4x4 box								
Transformers	040	•	o factory mounted transformer or power supply required								
& Pwr Supplies	050	· ·	beled TX-1, TR40VA001, 40VA, 120x24VAC beled TX-1, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker								
	075	Labeled TX-1, TR75VA001			-						
See page 7	100	Labeled TX-1, TR100VA00			-						
	D40	Labeled TX-1, TR40VA001					I HIIP				
	D50	Labeled TX-1, TR50VA001			-	-				Cont'd	Cont'd
	D30 D75	Labeled TX-1, TR75VA001			-	-				Next	Next
	D/3 D10	Labeled TX-1, TR100VA00			-	-		R			
[סדמ	Labeled IA-1, IN100VAUC	, 100 VA	, 12UXZ4VA	c, w/ circuit b	icakei, Di	JAL HU	ט		Page	Page

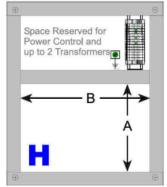
EZ 2016™	EZ Panel Model Selection					
PANEL FAB, INC. 10 Crosby Rd		REV 11				
Dover, NH 03820 470-412-0173	(AL)	1 of 10				

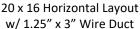


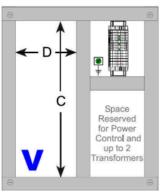
continued

Table	Options	Model #	SUB	_	2016		_		_	_	_	 _
Control Power	F04*	TX-1, PSH40AB10-IC, pov	PSH40AB10-IC, power supply, 120x24VAC, 40VA, w/ breaker & outlet, UL508A									
Transformers	F44*	TX-1/2, PSH40A40AB10-	C, dual po	wer supply	, 120x24VAC,	(2) 40VA,	w/ brea	aker &	outlet, l	JL508A		
& Pwr Supplies	F47**	TX-1/2, PSH40A75AB10,	dual powe	er supply, 1	20x24VAC, 40 ^o	VA/75VA,	w/ bre	aker &	outlet			
See page 7	F41*	TX-1/2, PSH40A100AB10	-IC, dual p	ower suppl	y, 120x24VAC	, 40VA/10	0VA, w	/ brea	ker & ou	tlet, UL5	A80	
occ page /	F07**	TX-1, PSH75AB10, power	supply, 1	20x24VAC,	75VA, w/ brea	ker & out	let					
	F77**	TX-1/2, PSH75A75AB10,	/2, PSH75A75AB10, dual power supply, 120x24VAC, (2) 75VA, w/ breaker & outlet									
	F71**	TX-1/2, PSH75A100AB10	, dual pow	er supply,	120x24VAC, 7	5VA/100V	'A, w/ b	reaker	& outle	t		
	F01*	TX-1, PSH100AB10-IC, po	1, PSH100AB10-IC, power supply, 120x24VAC, 100VA, w/ breaker & outlet, UL508A									
	F11*	TX-1/2, PSH100A100AB1	1/2, PSH100A100AB10-IC, dual power supply, 120x24VAC, (2) 100VA, w/ breaker & outlet, UL508A									
	123	Labeled DC-1, HDR-30-24	beled DC-1, HDR-30-24, 24 vdc power supply, 120VAC input, 30 watt, DIN mounted									
	126	Labeled DC-1, HDR-60-24	abeled DC-1, HDR-60-24, 24 vdc power supply, 120VAC input, 60 watt, DIN mounted									
	122	Labeled DC-1, DRC100US	abeled DC-1, DRC100US24, 24 vdc power supply, 120VAC input, 100 watt, DIN mounted									
	121	Labeled DC-1, NDR-120-2	abeled DC-1, NDR-120-24, 24 vdc power supply, 120VAC input, 120 watt, DIN mounted									
Field or	000	No factory mounted tran	sformer o	r power su	pply required							
Auxiliary	040***	Labeled TX-2, TR40VA00	1, 40VA, 1	20x24VAC								
Power	050***	Labeled TX-2, TR50VA00	1, 50VA, 1	20x24VAC,	w/ circuit brea	aker						
Transformers	075***	Labeled TX-2, TR75VA00	1, 75VA, 1	20x24VAC,	w/ circuit brea	aker						
& Pwr Supplies	100***	Labeled TX-2, TR100VA0	01, 100VA	, 120x24VA	C, w/ circuit b	reaker						
See page 7	D40***	Labeled TX-2, TR40VA00	1, 40VA, 1	20x24VAC,	w/ circuit brea	aker, DUA	L HUB					
	D50***	Labeled TX-2, TR50VA00	1, 50VA, 1	20x24VAC,	w/ circuit brea	aker, DUA	L HUB					
	D75***	Labeled TX-2, TR75VA00	1, 75VA, 1	20x24VAC,	w/ circuit brea	aker, DUA	L HUB					
	D10***	Labeled TX-2, TR100VA0	abeled TX-2, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker, DUAL HUB									
	123***	Labeled DC-2, HDR-30-24	1, 24 vdc p	ower suppl	y, 120VAC inp	ut, 30 wa	tt, DIN	mount	ed			
	126***	Labeled DC-2, HDR-60-24	abeled DC-2, HDR-60-24, 24 vdc power supply, 120VAC input, 60 watt, DIN mounted									
	122***	Labeled DC-2, DRC100US	24, 24 vd	c power sup	ply, 120VAC i	nput, 100	watt, [OIN mo	unted			
	I21***	Labeled DC-2, NDR-120-2	24, 24 vdc	power sup	ply, 120VAC in	put, 120 v	watt, D	IN moι	ınted			
Notes	*	Option is not available if	separate f	Power Cont	rol was select	ed						
	**	Option is not available if	separate f	Power Cont	rol was select	ed OR UL	Listing	is requ	uired			
	***	Due to space limitations,	thic ontio	n ic not au	ilabla with Da			FD	DI.			

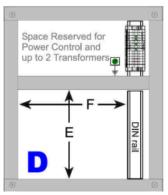
Subpanel Material and Layout Options



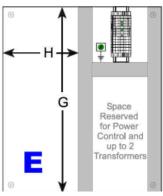




20 x 16 Vertical Layout w/ 1.25" x 3" Wire Duct



20 x 16 DIN Rail Layout w/ 1.25" x 3" Wire Duct



20 x 16 Economy Layout w/ 1.25" x 3" Wire Duct

INSTRUCTIONS: Use Table 1 to select a subpanel that is compatible with your enclosure and NEMA rating. Insert the blue letter for Material Selection in the first highlighted field. Use the interior mounting dimensions in Table 2 to determine which Layout Configuration provides ample space to field mount and wire your components. Choose the blue letter for the appropriate layout drawing and insert this as the first character in the second highlighted field. The second character in this field will indicate wire duct color... "G" for grey or "W" for white.

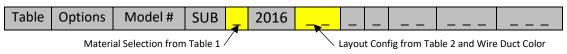


Table 1

Material Selection	Brand	Material	Color	Mfr Part #	Fits Enclosure	NEMA Rating
Р	Hoffman	Perforated	grey	A20N16MPP	A20N16xxx	1
S	Hoffman	Solid	white	A20N16MP	A20N16xxx	1
I	Hoffman	Solid	white	A20P16	Consult Hoffman	3R, 4, 12/13
С	Hoffman	solid	white	CP2016	CSD2016xx	4, 12

	Interior Mounting Dimensions in Inches									
Table 2	H – Horizoi	ntal Layout	V – Vertic	al Layout	D – DIN R	ail Layout	E – Economy Layout			
Material Selection	Α	В	С	D	E	F	G	Н		
Р	8 -1/4 "	12"	14 -1/2"	5 -3/4 "	8 -1/4 "	9 -1/4 "	17"	7"		
S	8 -1/4 "	12"	14 -1/2"	5 -3/4 "	8 -1/4 "	9 -1/4 "	17"	7"		
I	8 -1/4 "	10 -1/2"	14 -1/2"	4 -1/4 "	8 -1/4 "	7 -3/4 "	17"	5 -1/2"		
С	9 -3/8 "	11 -5/8"	15 -5/8"	5 -3/8 "	9 -3/8 "	9"	18 -3/16 "	6 -5/8"		

Options

Table **Options** Model# **SUB** 2016

Select (1) Option and insert the letter to fill in the highlighted field / of the EZ Panel model number

MODEL SELECTION NOTES

Note 1: Insert the letter "X" in this field of the EZ Panel model number if no Option is required.

Note 2: All Options are available individually. If more than (1) Option is required, simply order the additional Options

using the prefix "EZ-".

Example: If your panel requires a 10 amp circuit breaker... capability to isolate the 24VAC circuits... and (20) extra terminal blocks... you would order (3) items as follows:

SUB - P - 2016 - HG - X - C - DS -100 - 100

EZ - G

EZ - J

Photo Shown as typical for panels having (2) transformers Note 3:

3 AMP Breaker

3 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

3 AMP Fuse Holder

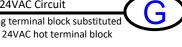
3 amp fuse holder terminal with fast-blo fuse substituted for terminal



*See Note 3

Isolate 24VAC Circuit

Switching terminal block substituted for each 24VAC hot terminal block





*See Note 3

5 AMP Breaker

5 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

5 AMP Fuse Holder

5 amp fuse holder terminal with fast-blo fuse substituted for terminal



*See Note 3

Terminal Cover

Transparent finger-safe terminal block cover. Threaded nylon nuts must be removed to access terminal block.



10 AMP Breaker

10 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

10 AMP Fuse Holder

10 amp fuse holder terminal with fast-blo fuse substituted for terminal



*See Note 3

Continued on next page

EZ 2016™ **EZ Panel Model Selection** PANEL FAB, INC. **REV 11** 10 Crosby Rd Dover, NH 03820 4 of 10 470-412-0173

Options (Continued)

10 Extra Terminals

10 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

Isolated 120VAC

Solid wall wire duct to isolate line voltage terminal blocks and all 120VAC circuits. See Supplementary Spec "L" on page...



*See Note 3

Cat5E Cable

5ft Cat5E, male/male cable shipped loose.



*See Note 3

20 Extra Terminals

20 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

2 Gang Cat5E

Two gang plastic cover plate with (2) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*See Note 3

40 Extra Terminals

40 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



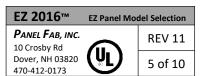
*See Note 3

4 Gang Cat5E

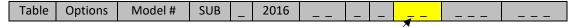
Four gang plastic cover plate with (4) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



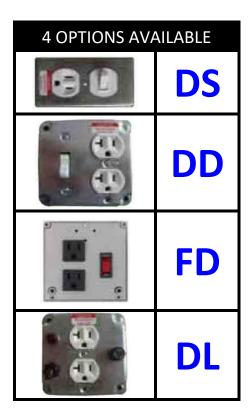
*See Note 3

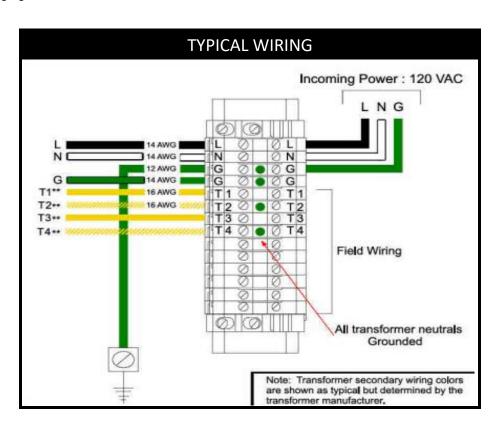


Power Control Options



Select (1) Option and insert the letters to fill in the highlighted field of the EZ Panel model number





		TERMINAL	ASSEMBLY
Shov	wn for (2) transforr	ners	
	Bill of Materials		The second second second
COMPONENT	MANUFACTURER	PART NO.	Company of the Control of the Contro
Terminal Block	Entrelec	11511607	Commission of the last of the
End Plate	Entrelec	11836816	1
End Stop	Entrelec	20635116	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS N
Marking Cards	Entrelec	23300001	
Jumper Bar	Entrelec	17478420	
Jumper Post	Entrelec	16860416	£ 60
Ground Lug	Thomas & Betts	L70	



Power Control Options, Cont'd

MODEL SELECTION NOTES



Power control (SW-1) is optional

If no Power Control is selected, insert the letters XX in the highlighted field of the EZ Panel Model Number.

If no Power Control is selected, but factory mounted transformers are still required; transformers will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Inserting XX in this field is mandatory if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers. See below for related wiring schematics.



* Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

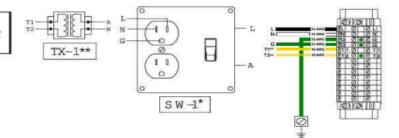
Power Control Option 15 amps 2 x 4 steel box w/ cover SW-1* **Power Control Option**



4 x 4 steel box w/ cover



Due to space limitations, only (1) transformer is available with this Power Control option.



Power Control Option

Functional Devices p/n: PSPT2RB10

10 amps

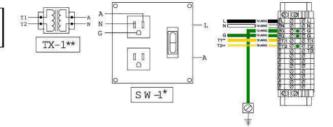
4 x 4 plastic box w/ cover

Internal jumper allows receptacle to be continuously controlled by the switch

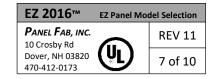


Special Note:

Due to space limitations, only (1) transformer is available with this Power Control option.



See next page for more Power Control Options



Power Control Options, Cont'd

Power Control Option

15 amp rated components

- 4 x 4 steel box w/ cover
- * Includes red indicator light
- * Includes fuse holder w/ 10 amp fuse

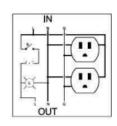


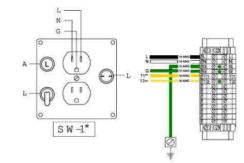
Special Note:

Due to space limitations, only (1) transformer is available with this Power Control option.



Supplemental internal wiring diagram for Power Control Option DL only

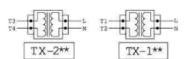


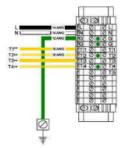


Power Control Option

Valid option is no factory installed Power Control device is required for the panel. All transformers are HOT when panel is powered.

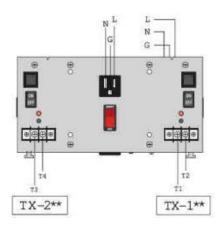


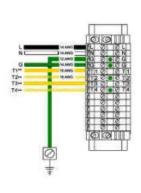




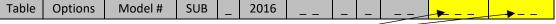
Also valid if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers.

Internal jumper allows receptacle to be continuously controlled by the switch.





Control Power Options



Select Options for up to (2) total transformers and insert the letters to fill in the highlighted fields of the EZ Panel model number

MODEL SELECTION NOTES

* Pc

Power control (SW-1) from pages 7 & 8 were optional.

If no Power Control is selected, but foot mounted transformers or power supplies are still required; devices will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Due to space limitations, use of Functional Devices PSH Series Combination Power Supplies voids the option to have separate Power Controls from pages 7 & 8. If PSH Series devices are required, you should have the letters "XX" inserted for Power Control. These devices include both an integral disconnect/breaker and low voltage transformers. Together, they take the place of separate power control methods and standard foot mounted transformers. Refer to previous page for wiring schematics.

* *

Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

Functional Devices Transformers										
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	HUBS	FEATURES				
040	TR40VA001	120 VAC	24 VAC	40	1	Class 2, UL Listed w/ circuit breaker				
050	TR50VA005	120 VAC	24 VAC	50	1	Class 2, UL Listed w/ circuit breaker				
075	TR75VA001	120 VAC	24 VAC	75	1	Class 2, UL Listed w/ circuit breaker				
100	TR100VA001	120 VAC	24 VAC	100	1	Class 2, UL Listed w/ circuit breaker				
D40	TR40VA002	120 VAC	24 VAC	40	2	Class 2, UL Listed w/ circuit breaker				
D50	TR50VA009	120/208/240 VAC	24 VAC	50	2	Class 2, UL Listed w/ circuit breaker				
D75	TR75VA002	120 VAC	24 VAC	75	2	Class 2, UL Listed w/ circuit breaker				
D10	TR100VA002	120 VAC	24 VAC	100	2	Class 2, UL Listed w/ circuit breaker				





	Functional Devices Combination Power Supplies										
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	FEATURES	NOTES					
F04	PSH40AB10-IC	120 VAC	24 VAC	40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3					
F07	PSH75AB10	120 VAC	24 VAC	75	Class 2, w/ circuit breaker & receptacle	1, 2, 3					
F01	PSH100AB10-IC	120 VAC	24 VAC	100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3					
F44	PSH40A40AB10-IC	120 VAC	(2) 24 VAC	40/40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3					
F47	PSH40A75AB10	120 VAC	(2) 24 VAC	40/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3					
F41	PSH40A100AB10-IC	120 VAC	(2) 24 VAC	40/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3					
F77	PSH75A75AB10	120 VAC	(2) 24 VAC	75/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3					
F71	PSH75A100AB10	120 VAC	(2) 24 VAC	75/100	Class 2, w/ circuit breaker & receptacle	1, 2, 3					
F11	PSH100A100AB10-IC	120 VAC	(2) 24 VAC	100/100	Class 2. UL Listed w/ circuit breaker & receptacle	1.3					





NOTE 1: Not available with separate Power Control

NOTE 2: Not available if "U" was selected for UL Listing in the Approvals field of the EZ Panel model number

NOTE 3: Availability varies by panel size. Please refer to pages 1 & 2 of the Model Selection Guide to confirm compatibility

	MeanWell HDR/NDR Power Supplies										
EZ OPTION	OPTION PART NO. INPUT OUTPUT CAPACITY FEATURES										
123	HDR-30-24	85-264 VAC	24 vdc	30W	Class 2, adjustable output, DIN mounted						
126	HDR-60-24	85-264 VAC	24 vdc	60W	Class 2, adjustable output, DIN mounted						
122	DRC100US24	85-264 VAC	24 vdc	100W	Class 2, adjustable output, DIN mounted						
121	NDR-120-24	90-264 VAC	24 vdc	120W	Adjustable output, DIN mounted						



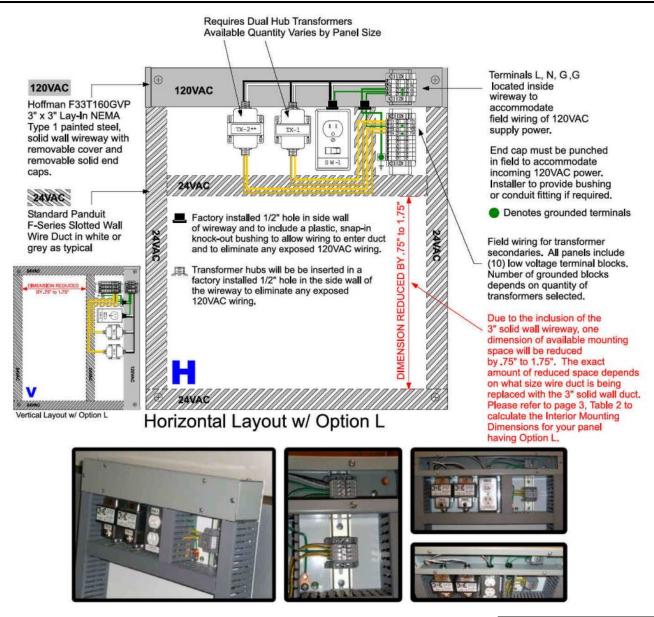
 PANEL FAB, INC.
 10 Crosby Rd
 REV 11

 Dover, NH 03820
 470-412-0173
 9 of 10

Option "L" Supplementary Specification

This is a supplementary specification guide and should be used in conjunction with the standard EZ Panel Model Selection Guides for each panel size offered in our product line. This document only applies to EZ Panels with "L" selected in the Options table. This design satisfies separation of circuits as well as strict panel standards which prohibit exposed 120VAC or line voltage wiring. Please note that choosing Option "L" dictates some panel choices and limits others. Specifying panels with this option reduces the standard available interior, module mounting space for all sizes and all applicable layouts. Please follow model selection instructions carefully.

Only Horizontal and Vertical layouts are shown below. However, Option "L" is available with every size and layout in the EZ Panel product line. Feature details shown on the horizontal layout are typical except that reduced interior mounting dimensions will vary depending on what size wire duct is replaced by the solid wall duct.





Fill in the blanks to build your custom model number by selecting one Option from each Table

- o Consult pages 3 thru 10 to select the Material, Layout, Power Control, and other Options that best suit your application.
- o Example model number ... SUB-S-2420-HG-X-X-00-050-050

Table	Options	Model #	SUB	_	2020		_	_			
Туре	SUB	Subpanel Assembly	l								
Material	P	Hoffman, A20N20MPP, P	erf, NEMA	1						Cont'd	Cont'd
See page 3	S	Hoffman, A20N20MP, sol	id, NEMA	1						Next	Next
Table 1	1	Hoffman, A20P20, industr	rial, solid							Page	Page
	C	Hoffman, CP2020, Conce	ot, solid								
Size	2020	See Page 3, Table 2 for in	terior dim	ensions	-						
Layout	HG	Horizontal layout "H" w/				•					
See page 3	HW	Horizontal layout "H" w/									
Table 2	VG	Vertical layout "V" w/ gre	•								
	VW	Vertical layout "V" w/ wh									
	DG	DIN rail layout "D" w/ gre	•								
	DW	DIN rail layout "D" w/ wh									
	EG EW	Economy layout "E" w/ gi Economy layout "E" w/ w	•								
Approvals	X	No approval required	inte i ana	uit i Scries	Wire duct		İ				
Approvuis	Ü	Meets 508A Standard for	UL Listed	Open Cont	rol Panel						
Options	X	No option selected						-			
See page 4	Α	3 amp DIN rail mounted of	ircuit brea	aker substi	tuted for term	inal "L"					
	В	5 amp DIN rail mounted of	p DIN rail mounted circuit breaker substituted for terminal "L"								
	С	10 amp DIN rail mounted	np DIN rail mounted circuit breaker substituted for terminal "L"								
	D	3 amp fuse holder termin	p fuse holder terminal substituted for terminal "L" w/ Buss fast-blo fuse								
	E		mp fuse holder terminal substituted for terminal "L" w/ Buss fast-blo fuse								
	F	•	amp fuse holder terminal substituted for terminal "L" w/ Buss fast-blo fuse								
	G	Switching terminal block									
	Н	Finger-safe terminal block		•	**		. ,				
	1	10 extra terminals mount				•	0	,			
	J	20 extra terminals mount			, , ,	•	0	,			
	K	40 extra terminals mount			, , ,	•	0	,			
	L	Solid wall wire duct to en						•			
	M	2x4 box w/ 2 gang Cat5E	•	,	•	•					
	N O	2x4 box w/ 4 gang Cat5E 5ft Cat5E cable, male/ma			– snips ioose	w/ screws	5				
Power Control	XX	No factory mounted disco			required				J		
See pages 5 & 6	DS	Used for SW-1, 15 amp di		•	•	4 box					
occ pages s a c	DD	Used for SW-1, 15 amp di	sconnect	& duplex re	eceptacle w/ 4	x4 box					
	FD	Used for SW-1, 10 amp Fu	ınctional I	Devices PSI	PT2RB10 w/ 4	k4 box					
	DL	Used for SW-1, 15 amp di	sed for SW-1, 15 amp disconnect & duplex receptacle, indicator light, 10 amp fuse w/ 4x4 box								
Control Power	000	No factory mounted trans	o factory mounted transformer or power supply required								
Transformers	040	Labeled TX-1, TR40VA001	beled TX-1, TR40VA001, 40VA, 120x24VAC								
& Pwr Supplies	050	Labeled TX-1, TR50VA001	, 50VA, 12	20x24VAC,	w/ circuit brea	aker					
See page 7	075	Labeled TX-1, TR75VA001									
1	100	Labeled TX-1, TR100VA00	1, 100VA,	120x24VA	.C, w/ circuit b	reaker					
1	D40	Labeled TX-1, TR40VA001	, 40VA, 12	20x24VAC,	w/ circuit brea	aker, DUA	L HUB				
	D50	· ·	abeled TX-1, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker, DUAL HUB						Cont'd		
	D75	Labeled TX-1, TR75VA001	-	-	-	-				Next	Next
	D10	Labeled TX-1, TR100VA00	1, 100VA,	120x24VA	.C, w/ circuit b	reaker, Dl	JAL HU	В		Page	Page

EZ 2020™	EZ Panel Model Selection					
PANEL FAB, INC. 10 Crosby Rd		REV 11				
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continued

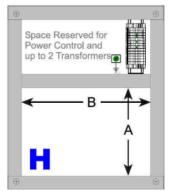
Fill in the blan	nks to build	your custom model	numbe	by selec	cting one O	ption fr	om e	ach Ta	able					
 Const 	ult pages 3 th	ru 10 to select the Mater	ial, Layoι	t, Power 0	Control, and o	ther Opti	ions th	at best	t suit yo	ur ap	plicatior	١.		
o Exam	ple model nu	mber SUB-S-2420-HG-2	X-X-00-05	0-050										
Table	Options	Model #	SUB	_	2020		_		_				 	
Control Power	F04*	TX-1, PSH40AB10-IC, pow	er supply	120x24VA	.C, 40VA, w/ b	reaker & o	outlet,	UL508/	Α					
Transformers	F44*	TX-1/2, PSH40A40AB10-IC	C, dual po	wer supply	, 120x24VAC,	(2) 40VA,	w/ brea	aker &	outlet, l	JL508	Α			
& Pwr Supplies	F47**	TX-1/2, PSH40A75AB10, c	lual powe	r supply, 1	20x24VAC, 40 ^o	/A/75VA,	w/ bre	aker &	outlet					
See page 7	F41*	TX-1/2, PSH40A100AB10-	IC, dual p	ower suppl	y, 120x24VAC	, 40VA/10	0VA, w	/ breal	ker & ou	ıtlet, L	IL508A			
occ page /	F07**	TX-1, PSH75AB10, power	supply, 12	20x24VAC,	75VA, w/ brea	ker & out	let							
	F77**	TX-1/2, PSH75A75AB10, c	lual powe	r supply, 1	20x24VAC, (2)	75VA, w/	breake	r & ou	tlet					
	F71**	TX-1/2, PSH75A100AB10,	dual pow	er supply,	120x24VAC, 7	5VA/100V	'A, w/ b	reaker	& outle	t				
	F01*	TX-1, PSH100AB10-IC, pov	wer suppl	y, 120x24V	AC, 100VA, w	breaker	& outle	t, UL50	08A					
	F11*	TX-1/2, PSH100A100AB10)-IC, dual	oower supp	oly, 120x24VA	C, (2) 100	VA, w/	breake	r & outl	et, UL	508A			
	123	Labeled DC-1, HDR-30-24	, 24 vdc p	ower suppl	y, 120VAC inp	ut, 30 wa	tt, DIN	mount	ed					
	126	Labeled DC-1, HDR-60-24	, 24 vdc p	ower suppl	y, 120VAC inp	ut, 60 wa	tt, DIN	mount	ed					
	122	Labeled DC-1, DRC100US2	24, 24 vdc	power sup	ply, 120VAC i	nput, 100	watt, [IN mo	unted					
	I21	Labeled DC-1, NDR-120-2	4, 24 vdc	power sup	oly, 120VAC in	put, 120 v	watt, D	N mou	ınted					
Field or	000	No factory mounted trans	former o	power su	oply required									
Auxiliary	040	Labeled TX-2, TR40VA001	, 40VA, 1	20x24VAC										
Power	050	Labeled TX-2, TR50VA001	, 50VA, 1	20x24VAC,	w/ circuit brea	aker								
Transformers	075	Labeled TX-2, TR75VA001	, 75VA, 1	20x24VAC,	w/ circuit brea	aker								
& Pwr Supplies	100	Labeled TX-2, TR100VA00												
See page 7	D40	Labeled TX-2, TR40VA001	, 40VA, 1	20x24VAC,	w/ circuit brea	aker, DUA	L HUB							
	D50	Labeled TX-2, TR50VA001			•	•								
	D75	Labeled TX-2, TR75VA001		-	-	-								
	D10	Labeled TX-2, TR100VA00												
	123	Labeled DC-2, HDR-30-24	•		,,	•	,							
	126	Labeled DC-2, HDR-60-24			• •	-	•							
	122	Labeled DC-2, DRC100US2												
	I21	Labeled DC-2, NDR-120-2	-	power sup	oly, 120VAC in	put, 120 v	vatt, D	N mou	ınted					

Option is not available if separate Power Control was selected

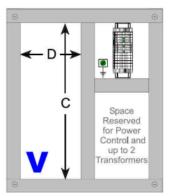
Notes

^{**} Option is not available if separate Power Control was selected OR UL Listing is required

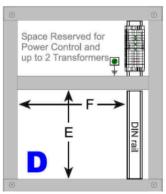
Subpanel Material and Layout Options



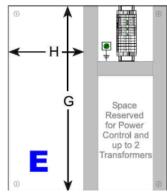
20 x 20 Horizontal Layout w/ 1.25" x 3" Wire Duct



20 x 20 Vertical Layout w/ 1.25" x 3" Wire Duct



20 x 20 DIN Rail Layout w/ 1.25" x 3" Wire Duct



20 x 20 Economy Layout w/ 1.25" x 3" Wire Duct

INSTRUCTIONS: Use Table 1 to select a subpanel that is compatible with your enclosure and NEMA rating. Insert the blue letter for Material Selection in the first highlighted field. Use the interior mounting dimensions in Table 2 to determine which Layout Configuration provides ample space to field mount and wire your components. Choose the blue letter for the appropriate layout drawing and insert this as the first character in the second highlighted field. The second character in this field will indicate wire duct color... "G" for grey or "W" for white.

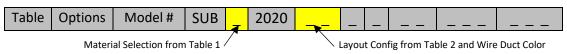


Table 1

Material Selection	Brand	Material	Color	Mfr Part #	Fits Enclosure	NEMA Rating
Р	Hoffman	Perforated	grey	A20N20MPP	A20N20xxx	1
S	Hoffman	Solid	white	A20N20MP	A20N20xxx	1
I	Hoffman	Solid	white	A20P20	Consult Hoffman	3R, 4, 12/13
С	Hoffman	solid	white	CP2020	CSD2020xx	4, 12

		Interior Mounting Dimensions in Inches											
Table 2	H – Horizoi	ntal Layout	V – Vertic	cal Layout	D – DIN R	ail Layout	E – Economy Layout						
Material Selection	Α	В	С	D	E	F	G	Н					
Р	8 -1/4 "	16"	14 -1/2"	9 -3/4 "	8 -1/4 "	9 -3/4 "	17"	11"					
S	8 -1/4 "	16"	14 -1/2"	9 -3/4 "	8 -1/4 "	9 -3/4 "	17"	11"					
I	8 -1/4 "	14 -1/2"	14 -1/2"	8 -1/4 "	8 -1/4 "	8 -1/4 "	17"	9 -1/2"					
С	9 -3/8 "	15 -5/8"	15 -5/8"	9 -3/8 "	9 -3/8 "	9 -3/8"	18 -3/16 "	10 -5/8"					

Options

Table Options Model# **SUB** 2020

Select (1) Option and insert the letter to fill in the highlighted field / of the EZ Panel model number

MODEL SELECTION NOTES

Note 1: Insert the letter "X" in this field of the EZ Panel model number if no Option is required.

Note 2: All Options are available individually. If more than (1) Option is required, simply order the additional Options

using the prefix "EZ-".

Example: If your panel requires a 10 amp circuit breaker... capability to isolate the 24VAC circuits... and (20) extra terminal blocks... you would order (3) items as follows:

SUB - P - 2020 - HG - X - C - DS -100 - 100

EZ - G

EZ - J

Photo Shown as typical for panels having (2) transformers Note 3:

3 AMP Breaker

3 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

3 AMP Fuse Holder

3 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

Isolate 24VAC Circuit

Switching terminal block substituted for each 24VAC hot terminal block



5 AMP Breaker

5 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

5 AMP Fuse Holder

5 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

Terminal Cover

Transparent finger-safe terminal block cover. Threaded nylon nuts must be removed to access terminal block.



10 AMP Breaker

10 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

10 AMP Fuse Holder

10 amp fuse holder terminal with fast-blo fuse substituted for terminal "L"



*See Note 3

Continued on next page

EZ 2020™ **EZ Panel Model Selection**

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*See Note 3

Options (Continued)

10 Extra Terminals

10 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

Isolated 120VAC

Solid wall wire duct to isolate line voltage terminal blocks and all 120VAC circuits. See Supplementary Spec "L" on page...



*See Note 3

Cat5E Cable

5ft Cat5E, male/male cable shipped loose.



*See Note 3

20 Extra Terminals

20 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

2 Gang Cat5E

Two gang plastic cover plate with (2) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*See Note 3

40 Extra Terminals

40 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

4 Gang Cat5E

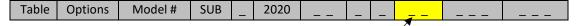
Four gang plastic cover plate with (4) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*See Note 3

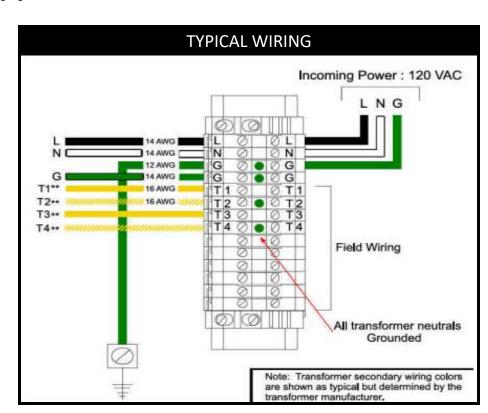


Power Control Options



Select (1) Option and insert the letters to fill in the highlighted field of the EZ Panel model number





		TERMINAL	ASSEMBLY
Shov	wn for (2) transforr	ners	
	Bill of Materials		The state of the s
COMPONENT	MANUFACTURER	PART NO.	Company of the London State of the London Stat
Terminal Block	Entrelec	11511607	Committee of the last of the l
End Plate	Entrelec	11836816	A 2 2 2 2
End Stop	Entrelec	20635116	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OW
Marking Cards	Entrelec	23300001	
Jumper Bar	Entrelec	17478420	
Jumper Post	Entrelec	16860416	Co
Ground Lug	Thomas & Betts	L70	

Power Control Options, Cont'd

MODEL SELECTION NOTES



Power control (SW-1) is optional

If no Power Control is selected, insert the letters XX in the highlighted field of the EZ Panel Model Number.

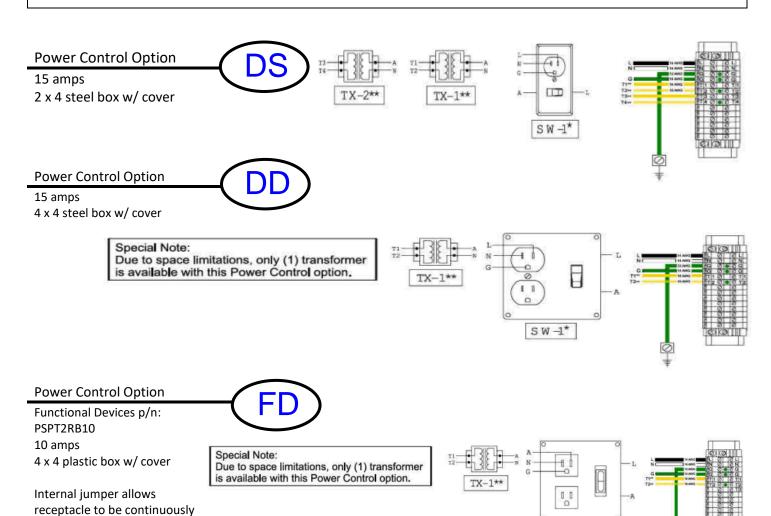
If no Power Control is selected, but factory mounted transformers are still required; transformers will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Inserting XX in this field is mandatory if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers. See below for related wiring schematics.

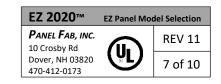


* Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.



See next page for more Power Control Options



SW-1*

controlled by the switch

Power Control Options, Cont'd

Power Control Option

15 amp rated components

- 4 x 4 steel box w/ cover
- * Includes red indicator light
- * Includes fuse holder w/ 10 amp fuse

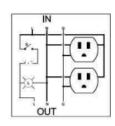


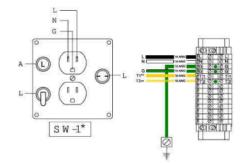
Special Note:

Due to space limitations, only (1) transformer is available with this Power Control option.



Supplemental internal wiring diagram for Power Control Option DL only

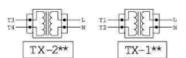


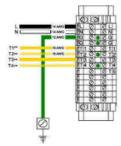


Power Control Option

Valid option is no factory installed Power Control device is required for the panel. All transformers are HOT when panel is powered.

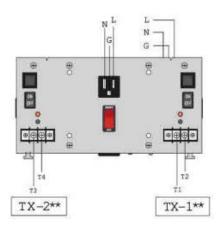


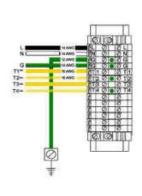




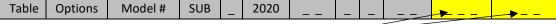
Also valid if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers.

Internal jumper allows receptacle to be continuously controlled by the switch.





Control Power Options



Select Options for up to (2) total transformers and insert the letters to fill in the highlighted fields of the EZ Panel model number

MODEL SELECTION NOTES



Power control (SW-1) from pages 7 & 8 were optional.

If no Power Control is selected, but foot mounted transformers or power supplies are still required; devices will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Due to space limitations, use of Functional Devices PSH Series Combination Power Supplies voids the option to have separate Power Controls from pages 7 & 8. If PSH Series devices are required, you should have the letters "XX" inserted for Power Control. These devices include both an integral disconnect/breaker and low voltage transformers. Together, they take the place of separate power control methods and standard foot mounted transformers. Refer to previous page for wiring schematics.

* *

Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

		Functional	Devices	Trar	nsform	iers
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	HUBS	FEATURES
040	TR40VA001	120 VAC	24 VAC	40	1	Class 2, UL Listed w/ circuit breaker
050	TR50VA005	120 VAC	24 VAC	50	1	Class 2, UL Listed w/ circuit breaker
075	TR75VA001	120 VAC	24 VAC	75	1	Class 2, UL Listed w/ circuit breaker
100	TR100VA001	120 VAC	24 VAC	100	1	Class 2, UL Listed w/ circuit breaker
D40	TR40VA002	120 VAC	24 VAC	40	2	Class 2, UL Listed w/ circuit breaker
D50	TR50VA009	120/208/240 VAC	24 VAC	50	2	Class 2, UL Listed w/ circuit breaker
D75	TR75VA002	120 VAC	24 VAC	75	2	Class 2, UL Listed w/ circuit breaker
D10	TR100VA002	120 VAC	24 VAC	100	2	Class 2. UL Listed w/ circuit breaker





	Fund	ctional D	evices C	ombin	ation Power Supplies	
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	FEATURES	NOTES
F04	PSH40AB10-IC	120 VAC	24 VAC	40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F07	PSH75AB10	120 VAC	24 VAC	75	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F01	PSH100AB10-IC	120 VAC	24 VAC	100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F44	PSH40A40AB10-IC	120 VAC	(2) 24 VAC	40/40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F47	PSH40A75AB10	120 VAC	(2) 24 VAC	40/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F41	PSH40A100AB10-IC	120 VAC	(2) 24 VAC	40/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F77	PSH75A75AB10	120 VAC	(2) 24 VAC	75/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F71	PSH75A100AB10	120 VAC	(2) 24 VAC	75/100	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F11	PSH100A100AB10-IC	120 VAC	(2) 24 VAC	100/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3



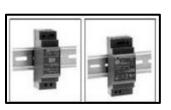


NOTE 1: Not available with separate Power Control

NOTE 2: Not available if "U" was selected for UL Listing in the Approvals field of the EZ Panel model number

NOTE~3: Availability~varies~by~panel~size.~Please~refer~to~pages~1~&~2~of~the~Model~Selection~Guide~to~confirm~compatibility~the confirm~compatibility~the compatibility~the

	MeanWell HDR/NDR Power Supplies											
EZ OPTION	EZ OPTION PART NO. INPUT OUTPUT CAPACITY FEATURES											
123	HDR-30-24 85-264 VAC 24 vdc 30W Class 2, adjustable output, DIN mounted											
126	HDR-60-24	85-264 VAC	24 vdc	60W	Class 2, adjustable output, DIN mounted							
122	122 DRC100US24 85-264 VAC 24 vdc 100W Class 2, adjustable output, DIN mounted											
I21	NDR-120-24 90-264 VAC 24 vdc 120W Adjustable output, DIN mounted											



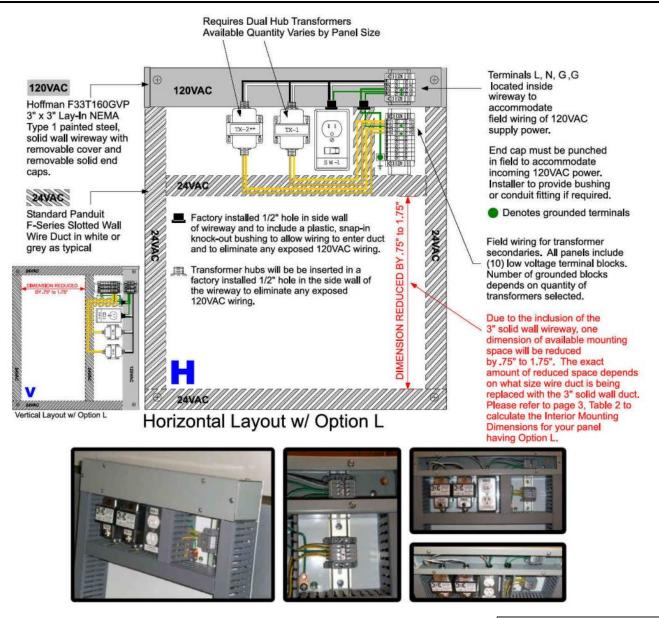
 PANEL FAB, INC.
 10 Crosby Rd
 REV 11

 Dover, NH 03820
 470-412-0173
 9 of 10

Option "L" Supplementary Specification

This is a supplementary specification guide and should be used in conjunction with the standard EZ Panel Model Selection Guides for each panel size offered in our product line. This document only applies to EZ Panels with "L" selected in the Options table. This design satisfies separation of circuits as well as strict panel standards which prohibit exposed 120VAC or line voltage wiring. Please note that choosing Option "L" dictates some panel choices and limits others. Specifying panels with this option reduces the standard available interior, module mounting space for all sizes and all applicable layouts. Please follow model selection instructions carefully.

Only Horizontal and Vertical layouts are shown below. However, Option "L" is available with every size and layout in the EZ Panel product line. Feature details shown on the horizontal layout are typical except that reduced interior mounting dimensions will vary depending on what size wire duct is replaced by the solid wall duct.





Fill in the blanks to build your custom model number by selecting one Option from each Table

- Consult pages 3 thru 10 to select the Material, Layout, Power Control, and other Options that best suit your application.
- o Example model number ... SUB-S-2420-HG-X-X-00-050-050

Table	Options	Model #	SUB _	2420		_	_			
Туре	SUB	Subpanel Assembly	I							
Material	P	Hoffman, A24N20MPP, P	erf, NEMA 1						Cont'd	Cont'd
See page 3	S	Hoffman, A24N20MP, sol	id, NEMA 1						Next	Next
Table 1	1	Hoffman, A24P20, indust	rial, solid						Page	Page
	C	Hoffman, CP2420, Conce	pt, solid							
Size	2420	See Page 3, Table 2 for in	terior dimensions							
Layout	HG	Horizontal layout "H" w/	· ,		•					
See page 3	HW	Horizontal layout "H" w/								
Table 2	VG	Vertical layout "V" w/ gre	•							
	vw	Vertical layout "V" w/ wh								
	DG	DIN rail layout "D" w/ gre	•							
	DW	DIN rail layout "D" w/ wh								
	EG	Economy layout "E" w/ gi	•							
_	EW	Economy layout "E" w/ w	hite Panduit F Seri	es wire duct		_				
Approvals	X	No approval required								
	U	Meets 508A Standard for	UL Listed Open Co	ntrol Panel						
Options	X	No option selected								
See page 4	Α	3 amp DIN rail mounted of								
	В	5 amp DIN rail mounted of								
	С	10 amp DIN rail mounted								
	D	3 amp fuse holder termin		•						
	E	5 amp fuse holder termin		-						
	F	10 amp fuse holder termi		-			se			
	G	Switching terminal block								
	H	Finger-safe terminal block	•							
	!	10 extra terminals mount			-	_	•			
	J	20 extra terminals mount			-	_	•			
	K L	40 extra terminals mount			-	_	•			
		Solid wall wire duct to en			•	•				
	M N	2x4 box w/ 2 gang Cat5E		•	-					
	0	2x4 box w/ 4 gang Cat5E 5ft Cat5E cable, male/ma		93001 stillb2 ادم	w/ screw	3				
Power Control	XX	No factory mounted disco	•	le required				J		
See pages 5 & 6	DS	Used for SW-1, 15 amp d	•	•	k4 box					
See pages 5 & 0	DD	Used for SW-1, 15 amp d	•							
	FD	Used for SW-1, 10 amp Fi	•							
	DL	Used for SW-1, 15 amp d		-		t, 10 ar	np fuse w/ 4x4	box		
Control Power	000	No factory mounted trans					·		_	
Transformers	040	Labeled TX-1, TR40VA001	., 40VA, 120x24VA	c ·						
& Pwr Supplies	050	Labeled TX-1, TR50VA001	, 50VA, 120x24VA	C, w/ circuit bre	aker					
See page 7	075	Labeled TX-1, TR75VA001								
occ page /	100	Labeled TX-1, TR100VA00								
	D40	Labeled TX-1, TR40VA001				L HUB				
	D50	Labeled TX-1, TR50VA001	•		-				Cont'd	Cont'd
	D75	Labeled TX-1, TR75VA001	•		-				Next	Next
	D10	Labeled TX-1, TR100VA00	•		-		В		Page	Page

EZ 2420™	EZ Panel Mod	del Selection
PANEL FAB, INC. 10 Crosby Rd		REV 11
Dover, NH 03820 470-412-0173		1 of 10



continued

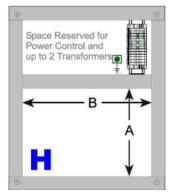
Table	Options	Model #	SUB		2420		_	_			 _ [
								<u> </u>	<u> </u>			
Control Power	F04*	TX-1, PSH40AB10-I	C. power supply	120x24VA	.C. 40VA. w/ b	reaker & o	outlet.	JL508A				
Transformers	F44*	TX-1/2, PSH40A40	· · · · · · · · · · · · · · · · · · ·				,		tlet. UL	508A		
& Pwr Supplies	F47**	TX-1/2, PSH40A75				. , .	•		,			
See page 7	F41*	TX-1/2, PSH40A100			•		-			et, UL508A		
See page 7	F07**	TX-1, PSH75AB10,	•		• •			•		•		
	F77**	TX-1/2, PSH75A75	AB10, dual powe	r supply, 1	20x24VAC, (2)	75VA, w/	breake	r & outle	t			
	F71**	TX-1/2, PSH75A100	DAB10, dual pow	er supply,	120x24VAC, 7	5VA/100V	/A, w/ b	reaker &	outlet			
	F01*	TX-1, PSH100AB10	-IC, power suppl	y, 120x24V	AC, 100VA, w	/ breaker	& outle	t, UL508/	A			
	F11*	TX-1/2, PSH100A10	00AB10-IC, dual	ower sup	ply, 120x24VA	C, (2) 100'	VA, w/	breaker 8	k outlet	UL508A		
	123	Labeled DC-1, HDR	-30-24, 24 vdc p	ower suppl	ly, 120VAC inp	ut, 30 wa	tt, DIN	mounted				
	126	Labeled DC-1, HDR	-60-24, 24 vdc p	ower suppl	ly, 120VAC inp	ut, 60 wa	tt, DIN	mounted				
	122	Labeled DC-1, DRC	100US24, 24 vdc	power sup	ply, 120VAC i	nput, 100	watt, D	IN moun	ted			
	I21	Labeled DC-1, NDR	-120-24, 24 vdc	oower sup	ply, 120VAC ir	put, 120 v	watt, DI	N mount	ed			
Field or	000	No factory mounte	d transformer o	power su	pply required							
Auxiliary	040	Labeled TX-2, TR40	VA001, 40VA, 1	20x24VAC								
Power	050	Labeled TX-2, TR50	VA001, 50VA, 1	20x24VAC,	w/ circuit bre	aker						
Transformers	075	Labeled TX-2, TR75	VA001, 75VA, 1	20x24VAC,	w/ circuit bre	aker						
& Pwr Supplies	100	Labeled TX-2, TR10	00VA001, 100VA	120x24VA	C, w/ circuit b	reaker						
See page 7	D40	Labeled TX-2, TR40	VA001, 40VA, 1	20x24VAC,	w/ circuit bre	aker, DUA	L HUB					
	D50	Labeled TX-2, TR50	VA001, 50VA, 1	20x24VAC,	w/ circuit bre	aker, DUA	L HUB					
	D75	Labeled TX-2, TR75	VA001, 75VA, 1	20x24VAC,	w/ circuit bre	aker, DUA	L HUB					
	D10	Labeled TX-2, TR10	00VA001, 100VA	120x24VA	C, w/ circuit b	reaker, DI	UAL HU	В				
	123	Labeled DC-2, HDR										
	126	Labeled DC-2, HDR				-						
	122	Labeled DC-2, DRC	•				,					
	121	Labeled DC-2, NDR	-120-24, 24 vdc	oower sup	ply, 120VAC ir	put, 120 v	watt, DI	N mount	ed			

* Option is not available if separate Power Control was selected

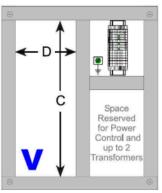
** Option is not available if separate Power Control was selected OR UL Listing is required

Notes

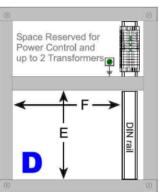
Subpanel Material and Layout Options



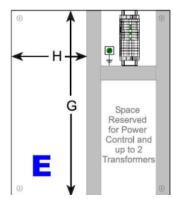
24 x 20 Horizontal Layout w/ 1.25" x 3" Wire Duct



24 x 20 Vertical Layout w/ 1.25" x 3" Wire Duct



24 x 20 DIN Rail Layout w/ 1.25" x 3" Wire Duct



24 x 20 Economy Layout w/ 1.25" x 3" Wire Duct

INSTRUCTIONS: Use Table 1 to select a subpanel that is compatible with your enclosure and NEMA rating. Insert the blue letter for Material Selection in the first highlighted field. Use the interior mounting dimensions in Table 2 to determine which Layout Configuration provides ample space to field mount and wire your components. Choose the blue letter for the appropriate layout drawing and insert this as the first character in the second highlighted field. The second character in this field will indicate wire duct color... "G" for grey or "W" for white.

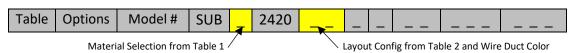


Table 1

Material Selection	Brand	Material	Color	Mfr Part #	Fits Enclosure	NEMA Rating
Р	Hoffman	Perforated	grey	A24N20MPP	A24N20xxx	1
S	Hoffman	Solid	white	A24N20MP	A24N20xxx	1
I	Hoffman	Solid	white	A24P20	Consult Hoffman	3R, 4, 12/13
С	Hoffman	solid	white	CP2420	CSD2420xx	4, 12

		Interior Mounting Dimensions in Inches											
Table 2	H – Horizon	ntal Layout	V – Vertic	al Layout	D – DIN R	ail Layout	E – Economy Layout						
Material Selection	Α	В	С	D	E	F	G	Н					
Р	12 -1/4 "	16"	18 -1/2"	9 -3/4 "	12 -1/4 "	9 -3/4 "	21"	11"					
S	12 -1/4 "	16"	18 -1/2"	9 -3/4 "	12 -1/4 "	9 -3/4 "	21"	11"					
I	12 -1/4 "	14 -1/2"	18 -1/2"	8 -1/4 "	12 -1/4 "	8 -1/4 "	21"	9 -1/2"					
С	13 -3/8 "	15 -5/8"	19 -5/8"	9 -3/8 "	13 -3/8 "	9 -3/8"	22 -3/16 "	10 -5/8"					

Table Options Model# **SUB** 2420

Select (1) Option and insert the letter to fill in the highlighted field / of the EZ Panel model number

MODEL SELECTION NOTES

Note 1: Insert the letter "X" in this field of the EZ Panel model number if no Option is required.

Note 2: All Options are available individually. If more than (1) Option is required, simply order the additional Options

using the prefix "EZ-".

Example: If your panel requires a 10 amp circuit breaker... capability to isolate the 24VAC circuits... and (20) extra terminal blocks... you would order (3) items as follows:

SUB - P - 2420 - HG - X - C - DS -100 - 100

EZ - G

EZ - J

Photo Shown as typical for panels having (2) transformers Note 3:

3 AMP Breaker

3 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

3 AMP Fuse Holder

3 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

*See Note 3

Isolate 24VAC Circuit

Switching terminal block substituted for each 24VAC hot terminal block



Transparent finger-safe terminal block cover. Threaded nylon nuts must be removed to access



5 AMP Breaker

5 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

5 AMP Fuse Holder

5 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

Terminal Cover

terminal block.



10 AMP Breaker

10 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

10 AMP Fuse Holder

10 amp fuse holder terminal with fast-blo fuse substituted for terminal "L"



*See Note 3

Continued on next page

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EZ 2420™ EZ Panel Model Selection PANEL FAB, INC. **REV 11** 10 Crosby Rd Dover, NH 03820 4 of 10

Options













Options (Continued)

10 Extra Terminals

10 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

Isolated 120VAC

Solid wall wire duct to isolate line voltage terminal blocks and all 120VAC circuits. See Supplementary Spec "L" on page...



*See Note 3

Cat5E Cable

5ft Cat5E, male/male cable shipped loose.



*See Note 3

20 Extra Terminals

20 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

2 Gang Cat5E

Two gang plastic cover plate with (2) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*See Note 3

40 Extra Terminals

40 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



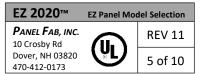
*See Note 3

4 Gang Cat5E

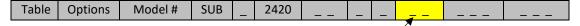
Four gang plastic cover plate with (4) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*See Note 3

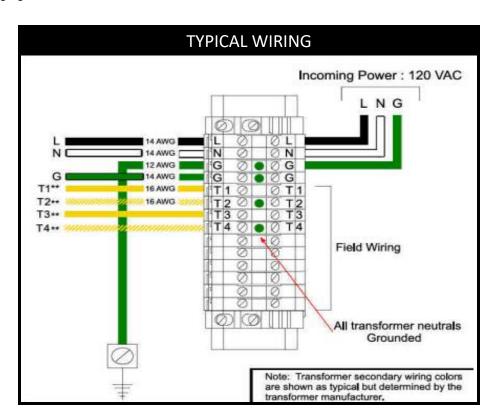


Power Control Options



Select (1) Option and insert the letters to fill in the highlighted field of the EZ Panel model number





		TERMINAL	ASSEMBLY
Show	wn for (2) transforr	ners	
	Bill of Materials		
COMPONENT	MANUFACTURER	PART NO.	Company of the London State of the London Stat
Terminal Block	Entrelec	11511607	C. W. B. L. C.
End Plate	Entrelec	11836816	A 2 2 2 2
End Stop	Entrelec	20635116	THE REAL PROPERTY.
Marking Cards	Entrelec	23300001	
Jumper Bar	Entrelec	17478420	
Jumper Post	Entrelec	16860416	CAS
Ground Lug	Thomas & Betts	L70	

Power Control Options, Cont'd

MODEL SELECTION NOTES



♣ Power control (SW-1) is optional

If no Power Control is selected, insert the letters XX in the highlighted field of the EZ Panel Model Number.

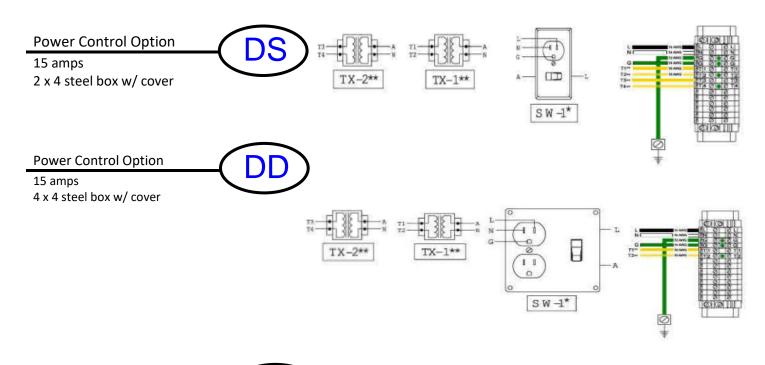
If no Power Control is selected, but factory mounted transformers are still required; transformers will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Inserting XX in this field is mandatory if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers. See below for related wiring schematics.



* Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.



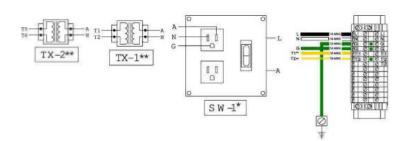
Power Control Option

Functional Devices p/n: PSPT2RB10

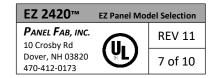
10 amps

4 x 4 plastic box w/ cover

Internal jumper allows receptacle to be continuously controlled by the switch



See next page for more Power Control Options



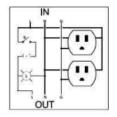
Power Control Options, Cont'd

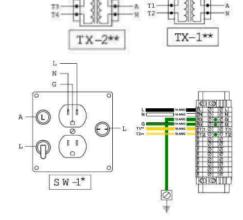
Power Control Option

- 15 amp rated components
- 4 x 4 steel box w/ cover
- * Includes red indicator light
- * Includes fuse holder w/ 10 amp fuse

Supplemental internal wiring diagram for Power Control Option DL only



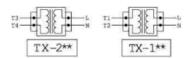


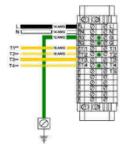


Power Control Option

Valid option is no factory installed Power Control device is required for the panel. All transformers are HOT when panel is powered.

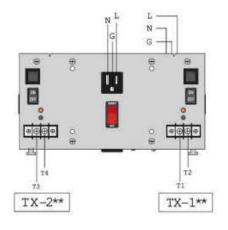


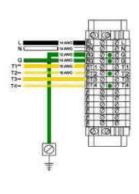




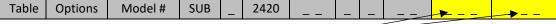
Also valid if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers.

Internal jumper allows receptacle to be continuously controlled by the switch.





Control Power Options



Select Options for up to (2) total transformers and insert the letters to fill in the highlighted fields of the EZ Panel model number

MODEL SELECTION NOTES



Power control (SW-1) from pages 7 & 8 were optional.

If no Power Control is selected, but foot mounted transformers or power supplies are still required; devices will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Due to space limitations, use of Functional Devices PSH Series Combination Power Supplies voids the option to have separate Power Controls from pages 7 & 8. If PSH Series devices are required, you should have the letters "XX" inserted for Power Control. These devices include both an integral disconnect/breaker and low voltage transformers. Together, they take the place of separate power control methods and standard foot mounted transformers. Refer to previous page for wiring schematics.

Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

	Functional Devices Transformers										
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	HUBS	FEATURES					
040	TR40VA001	120 VAC	24 VAC	40	1	Class 2, UL Listed w/ circuit breaker					
050	TR50VA005	120 VAC	24 VAC	50	1	Class 2, UL Listed w/ circuit breaker					
075	TR75VA001	120 VAC	24 VAC	75	1	Class 2, UL Listed w/ circuit breaker					
100	TR100VA001	120 VAC	24 VAC	100	1	Class 2, UL Listed w/ circuit breaker					
D40	TR40VA002	120 VAC	24 VAC	40	2	Class 2, UL Listed w/ circuit breaker					
D50	TR50VA009	120/208/240 VAC	24 VAC	50	2	Class 2, UL Listed w/ circuit breaker					
D75	TR75VA002	120 VAC	24 VAC	75	2	Class 2, UL Listed w/ circuit breaker					
D10	TR100VA002	120 VAC	24 VAC	100	2	Class 2. UL Listed w/ circuit breaker					





Functional Devices Combination Power Supplies											
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	FEATURES	NOTES					
F04	PSH40AB10-IC	120 VAC	24 VAC	40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3					
F07	PSH75AB10	120 VAC	24 VAC	75	Class 2, w/ circuit breaker & receptacle	1, 2, 3					
F01	PSH100AB10-IC	120 VAC	24 VAC	100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3					
F44	PSH40A40AB10-IC	120 VAC	(2) 24 VAC	40/40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3					
F47	PSH40A75AB10	120 VAC	(2) 24 VAC	40/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3					
F41	PSH40A100AB10-IC	120 VAC	(2) 24 VAC	40/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3					
F77	PSH75A75AB10	120 VAC	(2) 24 VAC	75/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3					
F71	PSH75A100AB10	120 VAC	(2) 24 VAC	75/100	Class 2, w/ circuit breaker & receptacle	1, 2, 3					
F11	PSH100A100AB10-IC	120 VAC	(2) 24 VAC	100/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3					



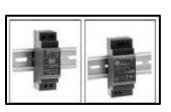


NOTE 1: Not available with separate Power Control

NOTE 2: Not available if "U" was selected for UL Listing in the Approvals field of the EZ Panel model number

NOTE 3: Availability varies by panel size. Please refer to pages 1 & 2 of the Model Selection Guide to confirm compatibility

	MeanWell HDR/NDR Power Supplies											
EZ OPTION	OPTION PART NO. INPUT OUTPUT CAPACITY FEATURES											
123	HDR-30-24	85-264 VAC	24 vdc	30W	Class 2, adjustable output, DIN mounted							
126	HDR-60-24	85-264 VAC	24 vdc	60W	Class 2, adjustable output, DIN mounted							
122	DRC100US24	85-264 VAC	24 vdc	100W	Class 2, adjustable output, DIN mounted							
121	NDR-120-24	90-264 VAC	24 vdc	120W	Adjustable output, DIN mounted							

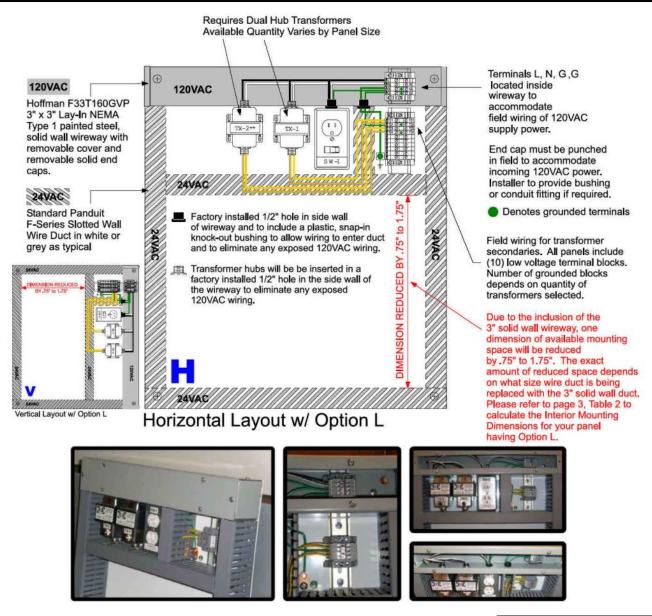


EZ 2420™ **EZ Panel Model Selection** PANEL FAB, INC. **REV 11** 10 Crosby Rd Dover, NH 03820 9 of 10 470-412-0173

Option "L" Supplementary Specification

This is a supplementary specification guide and should be used in conjunction with the standard EZ Panel Model Selection Guides for each panel size offered in our product line. This document only applies to EZ Panels with "L" selected in the Options table. This design satisfies separation of circuits as well as strict panel standards which prohibit exposed 120VAC or line voltage wiring. Please note that choosing Option "L" dictates some panel choices and limits others. Specifying panels with this option reduces the standard available interior, module mounting space for all sizes and all applicable layouts. Please follow model selection instructions carefully.

Only Horizontal and Vertical layouts are shown below. However, Option "L" is available with every size and layout in the EZ Panel product line. Feature details shown on the horizontal layout are typical except that reduced interior mounting dimensions will vary depending on what size wire duct is replaced by the solid wall duct.





Fill in the blanks to build your custom model number by selecting one Option from each Table

- o Consult pages 3 thru 10 to select the Material, Layout, Power Control, and other Options that best suit your application.
- o Example model number ... SUB-S-2420-HG-X-X-00-050-050

Table		Model #	SUB	_	2424		_	_				
Туре	SUB	Subpanel Assembly	1							Cont'd	Cont'd	Cont'd
Material	P	Hoffman, A24N24MPP, P	erf. NEN	1A 1						Next	Next	Next
See page 3	S	Hoffman, A24N24MP, so	,							Page	Page	Page
Table 1	i	Hoffman, A24P24, indust	-									
100.0 1	С	Hoffman, CP2424, Conce	-									
Size	2424	See Page 3, Table 2 for in	terior di	mensi	ions							
Layout	HG	Horizontal layout "H" w/										
See page 3	HW	Horizontal layout "H" w/										
Table 2	VG	Vertical layout "V" w/ gre	•									
	vw	Vertical layout "V" w/ wh										
	DG	DIN rail layout "D" w/ gre	•									
	DW	DIN rail layout "D" w/ wh										
	EG	Economy layout "E" w/ g	•									
	EW	Economy layout "E" w/ w										
	QG	Quad layout "Q" w/ grey										
_	QW	Quad layout "Q" w/ whit	e Pandui	t F se	ries wire du	ıct	j					
Approvals	X	No approval required										
	U	Meets 508A Standard for	UL Liste	d Ope	en Control F	Panel						
Options	X	No option selected										
See page 4	Α	3 amp DIN rail mounted										
	В	5 amp DIN rail mounted										
	С	10 amp DIN rail mounted										
	D	3 amp fuse holder termin				-						
	E	5 amp fuse holder termin				-						
	F	10 amp fuse holder term										
	G	Switching terminal block										
	H	Finger-safe terminal bloc	-					• •				
	1	10 extra terminals mount			,		•	,				
	J	20 extra terminals mount			•		•	0 ,				
	K	40 extra terminals mount			•		-					
	L	Solid wall wire duct to en										
	M	2x4 box w/ 2 gang Cat5E			•	•	-					
	N	2x4 box w/ 4 gang Cat5E	-		-	iips ioose v	// scre	ews				
Dawer Cartual	0	5ft Cat5E cable, male/ma				irad			J			
Power Control	XX	No factory mounted disc					he:					
See pages 5 & 6	DS	Used for SW-1, 15 amp d				-						
	DD	Used for SW-1, 15 amp d				•						
	FD	Used for SW-1, 10 amp F				-		ight 10 amp fire	w/ AvA boy			
Control Dame:	DL	Used for SW-1, 15 amp d					atOf II	giit, 10 aiiip iuse	w/ 4x4 DUX	_		
Control Power	000	No factory mounted tran			,	required						
Transformers	040 050	Labeled TX-1, TR40VA003				ircuit brook	or					
& Pwr Supplies	050 075	Labeled TX-1, TR50VA003 Labeled TX-1, TR75VA003									Cont'd	Cont'd
See page 7	100	Labeled TX-1, TR100VA00									Next	Next
Cont'd	D40	Labeled TX-1, TR40VA002						IIAI HIIP			Page	Page
	D50	Labeled TX-1, TR50VA00:									, age	1 480
Next	D75	Labeled TX-1, TR75VA00:					-					
Page	D/3 D10	Labeled TX-1, TR100VA00										
	סדמ	Labeled 1A-1, TK100VA00	J1, 100V.	м, 12l	JAZ4VAC, W	, circuit Dre	aker,	DUAL HUB			j	l

EZ 2424™	EZ Panel Mo	del Selection
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continued

Table		mber SUB-S-2420-H Model #	SUB		2424									
	Options	Woder ii		_			-	_					-	
Control Power	F04*	TX-1, PSH40AB10-IC, p	ower supply	, 120x2	24VAC, 40V	A, w/ brea	ker & o	utlet, UL	.508A	_				
Transformers	F44*	TX-1/2, PSH40A40AB10)-IC, dual po	wer su	pply, 120x2	4VAC, (2)	40VA, v	v/ break	er & outlet,	UL508A	4			
& Pwr Supplies	F47**	TX-1/2, PSH40A75AB10	, dual powe	er supp	ly, 120x24V	AC, 40VA	75VA, v	v/ break	er & outlet					
See page 7	F41*	TX-1/2, PSH40A100AB	LO-IC, dual p	ower s	supply, 120x	24VAC, 40	VA/100)VA, w/ I	breaker & o	utlet, U	L508A			
	F07**	TX-1, PSH75AB10, pow	er supply, 1	20x24\	/AC, 75VA,	w/ breake	& outle	et						
	F77**	TX-1/2, PSH75A75AB10), dual powe	er supp	ly, 120x24V	AC, (2) 75	VA, w/ I	oreaker	& outlet					
	F71**	TX-1/2, PSH75A100AB10, dual power supply, 120x24VAC, 75VA/100VA, w/ breaker & outlet												
	F01*	TX-1, PSH100AB10-IC, power supply, 120x24VAC, 100VA, w/ breaker & outlet, UL508A												
	F11*	TX-1/2, PSH100A100AB10-IC, dual power supply, 120x24VAC, (2) 100VA, w/ breaker & outlet, UL508A												
	123	Labeled DC-1, HDR-30-24, 24 vdc power supply, 120VAC input, 30 watt, DIN mounted												
	126	Labeled DC-1, HDR-60-	24, 24 vdc p	ower s	supply, 120\	/AC input,	60 watt	t, DIN m	ounted					
	122	Labeled DC-1, DRC100	JS24, 24 vd	powe	r supply, 12	OVAC inpu	ıt, 100 v	vatt, DIN	I mounted					
	121	Labeled DC-1, NDR-120)-24, 24 vdc	power	supply, 120	VAC inpu	, 120 w	att, DIN	mounted					
Field or	000	No factory mounted tr	ansformer o	r powe	er supply re	quired						_		
Auxiliary	040	Labeled TX-2, TR40VAC	01, 40VA, 1	20x24\	/AC	•								
Power	050	Labeled TX-2, TR50VAC	01, 50VA, 1	20x24\	/AC, w/ circ	uit breake	r							
Transformers	075	Labeled TX-2, TR75VAC	01, 75VA, 1	20x24\	/AC, w/ circ	uit breake	r							
& Pwr Supplies	100	Labeled TX-2, TR100VA	.001, 100VA	, 120x2	24VAC, w/ c	ircuit brea	ker							
See page 7	D40	Labeled TX-2, TR40VAC	01, 40VA, 1	20x24\	/AC, w/ circ	uit breake	r, DUAL	HUB						
occ page /	D50	Labeled TX-2, TR50VAC	01, 50VA, 1	20x24\	/AC, w/ circ	uit breake	r, DUAL	HUB						
	D75	Labeled TX-2, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker, DUAL HUB Labeled TX-2, TR75VA001, 75VA, 120x24VAC, w/ circuit breaker, DUAL HUB												
	D10	Labeled TX-2, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker, DUAL HUB												
	F04*	TX-2, PSH40AB10-IC, power supply, 120x24VAC, 40VA, w/ breaker & outlet, UL508A												
	F07**	TX-2, PSH75AB10, power supply, 120x24VAC, 40VA, w/ breaker & outlet												
	F01*	TX-2, PSH100AB10-IC,	oower supp	ly, 120	x24VAC, 10	OVA, w/ bi	eaker &	outlet,	UL508A					
	123	Labeled DC-2, HDR-30-	24, 24 vdc p	ower s	supply, 120\	/AC input,	30 watt	t, DIN m	ounted					
	126	Labeled DC-2, HDR-60-												
	122	Labeled DC-2, DRC100	JS24, 24 vd	c powe	r supply, 12	OVAC inpu	ıt, 100 v	vatt, DIN	I mounted					
	121	Labeled DC-2, NDR-120)-24, 24 vdc	power	supply, 120	VAC inpu	, 120 w	att, DIN	mounted					
Field or	000	No factory mounted tr		•										
Auxiliary	040	Labeled TX-3, TR40VAC	01, 40VA, 1	20x24\	/AC	-								
Power	050	Labeled TX-3, TR50VAC	01, 50VA, 1	20x24\	/AC, w/ circ	uit breake	r							
Transformers	075	Labeled TX-3, TR75VAC	01, 75VA, 1	20x24\	/AC, w/ circ	uit breake	r							
& Pwr Supplies	100	Labeled TX-3, TR100VA	.001, 100VA	, 120x2	24VAC, w/ c	ircuit brea	ker							
See page 7	D40	Labeled TX-3, TR40VA0	-					HUB						
occ page /	D50	Labeled TX-3, TR50VAC					-							
	D75	Labeled TX-3, TR75VAC					•							
	D10	Labeled TX-3, TR100VA					-							
	123	Labeled DC-3, HDR-30-	-						ounted					
	126	Labeled DC-3, HDR-60-												
	122	Labeled DC-3, DRC100						•						
	121	Labeled DC-3, NDR-120	-	•		•								

* Option is not available if separate Power Control was selected

** Option is not available if separate Power Control was selected OR UL Listing is required

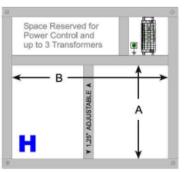
Notes

Subpanel Material and Layout Options

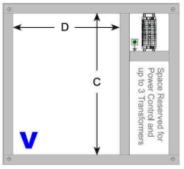
New Standard Feature

"H" Layout now includes vertical section of wire duct shipped loose w/ mounting screws.

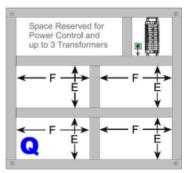
Provides greater flexibility and neater wiring for field installed components.



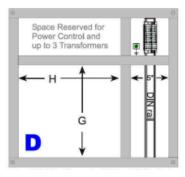
24 x 24 Horizontal Layout w/ 1.25" x 3" Wire Duct



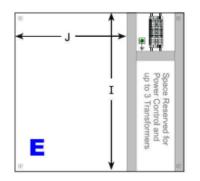
24 x 24 Vertical Layout w/ 1.25" x 3" Wire Duct



24 x 24 Quad Layout w/ 1.25" x 3" Wire Duct



24 x 24 DIN Rail Layout w/ 1.25" x 3" Wire Duct



24 x 24 Economy Layout w/ 1.25" x 3" Wire Duct

INSTRUCTIONS: Use Table 1 to select a subpanel that is compatible with your enclosure and NEMA rating. Insert the blue letter for Material Selection in the first highlighted field. Use the interior mounting dimensions in Table 2 to determine which Layout Configuration provides ample space to field mount and wire your components. Choose the blue letter for the appropriate layout drawing and insert this as the first character in the second highlighted field. The second character in this field will indicate wire duct color... "G" for grey or "W" for white.

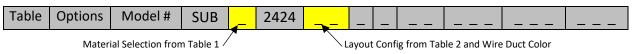


Table 1

Material Selection	Brand	Material	Color	r Mfr Part # Fits Enclosure		NEMA Rating
Р	Hoffman	Perforated	grey	A24N24MPP	A24N24xxx	1
S	Hoffman	Solid	white	A24N24MP	A24N24xxx	1
I	Hoffman	Solid	Solid white A24P24 Consult Hoffman		3R, 4, 12/13	
С	Hoffman	solid	white	CP2424	CSD2424xx	4, 12

				Interior	Mounting D	imensions i	n Inches			
Table 2	H – Hor	rizontal	V – Ve	ertical	Q – Qua	Q – Quad Layout		D – DIN Rail Layout		nomy
Material Selection	Α	В	C D		E	F	G	Н	I	J
Р	12 -1/4 "	20"	18 -1/2"	13 -3/4 "	5 -1/2"	9 -3/8"	12 -1/4 "	13 -3/4 "	21"	15"
S	12 -1/4 "	20"	18 -1/2"	13 -3/4 "	5 -1/2"	9 -3/8"	12 -1/4 "	13 -3/4 "	21"	15"
Ι	12 -1/4 "	18 -1/2"	18 -1/2"	12 -1/4 "	5 -1/2"	8 -5/8"	12 -1/4 "	12 -1/4 "	21"	13 -1/2"
С	13 -3/8 "	19 -5/8"	19 -5/8"	13 -3/8 "	6"	9 -3/16"	13 -3/8 "	13 -3/8"	22 -3/16 "	14 -5/8"

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Options

Table Options Model# SUB 2424

Select (1) Option and insert the letter to fill in the highlighted field / of the EZ Panel model number

MODEL SELECTION NOTES

Note 1: Insert the letter "X" in this field of the EZ Panel model number if no Option is required.

Note 2: All Options are available individually. If more than (1) Option is required, simply order the additional Options

using the prefix "EZ-".

Example: If your panel requires a 10 amp circuit breaker... capability to isolate the 24VAC circuits... and (20) extra terminal blocks... you would order (3) items as follows:

SUB - P - 2424 - HG - X - C - DS -100 - 100 - 100

EZ - G

EZ - J

Photo Shown as typical for panels having (2) transformers Note 3:

3 AMP Breaker

3 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

3 AMP Fuse Holder

3 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

*See Note 3

Isolate 24VAC Circuit

Switching terminal block substituted for each 24VAC hot terminal block





5 AMP Breaker

5 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

5 AMP Fuse Holder

5 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

Terminal Cover

Transparent finger-safe terminal block cover. Threaded nylon nuts must be removed to access terminal block.



10 AMP Breaker

10 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

10 AMP Fuse Holder

10 amp fuse holder terminal with fast-blo fuse substituted for terminal "L"



*See Note 3

Continued on next page

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Options (Continued)

10 Extra Terminals

10 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

Isolated 120VAC

Solid wall wire duct to isolate line voltage terminal blocks and all 120VAC circuits. See Supplementary Spec "L" on page...



*See Note 3

Cat5E Cable

5ft Cat5E, male/male cable shipped loose.



*See Note 3

20 Extra Terminals

20 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

2 Gang Cat5E

Two gang plastic cover plate with (2) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*See Note 3

40 Extra Terminals

40 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



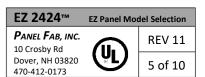
*See Note 3

4 Gang Cat5E

Four gang plastic cover plate with (4) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*See Note 3

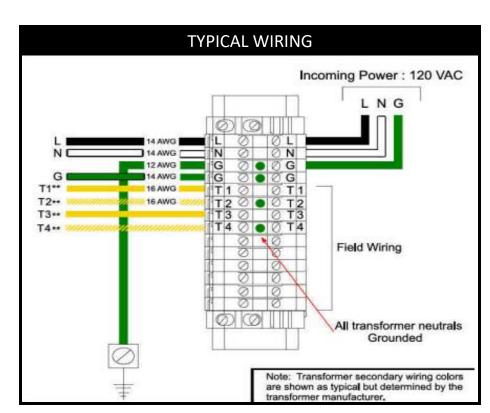


Power Control Options



Select (1) Option and insert the letters to fill in the highlighted field of the EZ Panel model number





		TERMINAL	ASSEMBLY
Show	wn for (2) transfor	ners	
	Bill of Materials		The state of the s
COMPONENT	MANUFACTURER	PART NO.	CONTROL OF THE PARTY OF THE PAR
Terminal Block	Entrelec	11511607	C. C
End Plate	Entrelec	11836816	
End Stop	Entrelec	20635116	THE RESERVE OF THE PARTY OF THE
Marking Cards	Entrelec	23300001	
Jumper Bar	Entrelec	17478420	
Jumper Post	Entrelec	16860416	CAG
Ground Lug	Thomas & Betts	L70	

Power Control Options, Cont'd

MODEL SELECTION NOTES



♣ Power control (SW-1) is optional

If no Power Control is selected, insert the letters XX in the highlighted field of the EZ Panel Model Number.

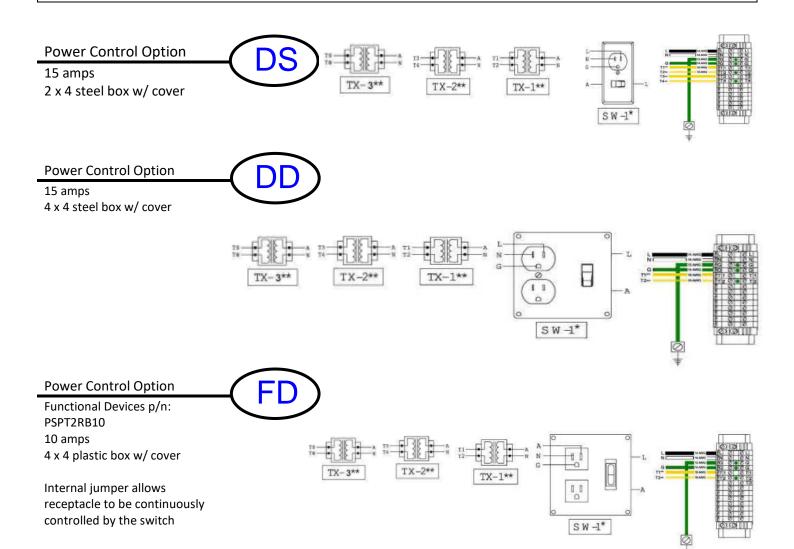
If no Power Control is selected, but factory mounted transformers are still required; transformers will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Inserting XX in this field is mandatory if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers. See below for related wiring schematics.



* Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.



See next page for more Power Control Options

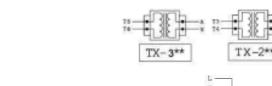


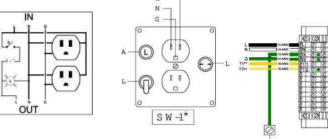
Power Control Options, Cont'd

Power Control Option

- 15 amp rated components
- 4 x 4 steel box w/ cover
- * Includes red indicator light
- * Includes fuse holder w/ 10 amp fuse

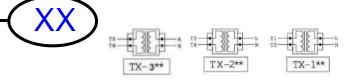
Supplemental internal wiring diagram for Power Control Option DL only

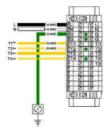




Power Control Option

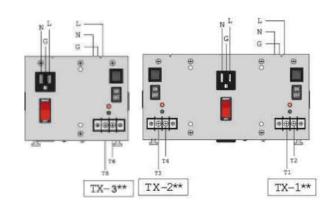
Valid option is no factory installed Power Control device is required for the panel. All transformers are HOT when panel is powered.

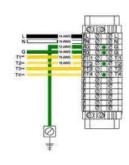




Also valid if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers.

Internal jumper allows receptacle to be continuously controlled by the switch.





Control Power Options



Select Options for up to (2) total transformers and insert the letters to fill in the highlighted fields of the EZ Panel model number

MODEL SELECTION NOTES

* P

Power control (SW-1) from pages 7 & 8 were optional.

If no Power Control is selected, but foot mounted transformers or power supplies are still required; devices will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Due to space limitations, use of Functional Devices PSH Series Combination Power Supplies voids the option to have separate Power Controls from pages 7 & 8. If PSH Series devices are required, you should have the letters "XX" inserted for Power Control. These devices include both an integral disconnect/breaker and low voltage transformers. Together, they take the place of separate power control methods and standard foot mounted transformers. Refer to previous page for wiring schematics.

* *

Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

		Functional	Devices	Trar	nsform	iers
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	HUBS	FEATURES
040	TR40VA001	120 VAC	24 VAC	40	1	Class 2, UL Listed w/ circuit breaker
050	TR50VA005	120 VAC	24 VAC	50	1	Class 2, UL Listed w/ circuit breaker
075	TR75VA001	120 VAC	24 VAC	75	1	Class 2, UL Listed w/ circuit breaker
100	TR100VA001	120 VAC	24 VAC	100	1	Class 2, UL Listed w/ circuit breaker
D40	TR40VA002	120 VAC	24 VAC	40	2	Class 2, UL Listed w/ circuit breaker
D50	TR50VA009	120/208/240 VAC	24 VAC	50	2	Class 2, UL Listed w/ circuit breaker
D75	TR75VA002	120 VAC	24 VAC	75	2	Class 2, UL Listed w/ circuit breaker
D10	TR100VA002	120 VAC	24 VAC	100	2	Class 2. UL Listed w/ circuit breaker





	Fun	ctional D	evices C	ombin	ation Power Supplies	
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	FEATURES	NOTES
F04	PSH40AB10-IC	120 VAC	24 VAC	40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F07	PSH75AB10	120 VAC	24 VAC	75	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F01	PSH100AB10-IC	120 VAC	24 VAC	100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F44	PSH40A40AB10-IC	120 VAC	(2) 24 VAC	40/40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F47	PSH40A75AB10	120 VAC	(2) 24 VAC	40/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F41	PSH40A100AB10-IC	120 VAC	(2) 24 VAC	40/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F77	PSH75A75AB10	120 VAC	(2) 24 VAC	75/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F71	PSH75A100AB10	120 VAC	(2) 24 VAC	75/100	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F11	PSH100A100AB10-IC	120 VAC	(2) 24 VAC	100/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3





NOTE 1: Not available with separate Power Control

NOTE 2: Not available if "U" was selected for UL Listing in the Approvals field of the EZ Panel model number

NOTE 3: Availability varies by panel size. Please refer to pages 1 & 2 of the Model Selection Guide to confirm compatibility

	1	MeanWel	I HDR/	NDR Pow	ver Supplies								
EZ OPTION	Z OPTION PART NO. INPUT OUTPUT CAPACITY FEATURES												
123	HDR-30-24	85-264 VAC	24 vdc	30W	Class 2, adjustable output, DIN mounted								
126	HDR-60-24	85-264 VAC	24 vdc	60W	Class 2, adjustable output, DIN mounted								
122	DRC100US24	85-264 VAC	24 vdc	100W	Class 2, adjustable output, DIN mounted								
I21	NDR-120-24	90-264 VAC	24 vdc	120W	Adjustable output, DIN mounted								



EZ 2424™ EZ Panel Model Selection

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EZ Panel Model Selection

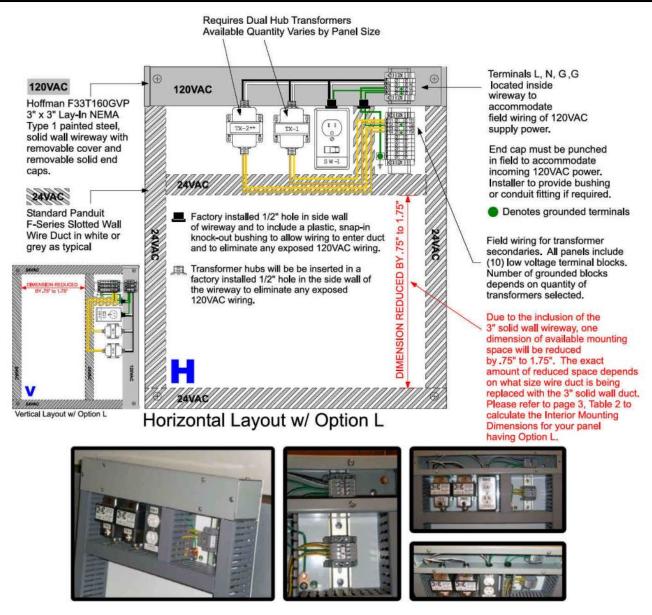
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Option "L" Supplementary Specification

This is a supplementary specification guide and should be used in conjunction with the standard EZ Panel Model Selection Guides for each panel size offered in our product line. This document only applies to EZ Panels with "L" selected in the Options table. This design satisfies separation of circuits as well as strict panel standards which prohibit exposed 120VAC or line voltage wiring. Please note that choosing Option "L" dictates some panel choices and limits others. Specifying panels with this option reduces the standard available interior, module mounting space for all sizes and all applicable layouts. Please follow model selection instructions carefully.

Only Horizontal and Vertical layouts are shown below. However, Option "L" is available with every size and layout in the EZ Panel product line. Feature details shown on the horizontal layout are typical except that reduced interior mounting dimensions will vary depending on what size wire duct is replaced by the solid wall duct.



Fill in the blanks to build your custom model number by selecting one Option from each Table

- o Consult pages 3 thru 10 to select the Material, Layout, Power Control, and other Options that best suit your application.
- o Example model number ... SUB-S-2420-HG-X-X-00-050-050

• Exam		Model #	SUB	JJ0-0	3024							
Table	Options	IVIOUEI #	308	_	3024		_	_				
Туре	SUB	Subpanel Assembly								Cont'd	Cont'd	Cont'd
Material	P	Hoffman, A30N24MPP, Pe								Next	Next	Next
See page 3	S	Hoffman, A30N24MP, soli	d, NEM	41						Page	Page	Page
Table 1	1	Hoffman, A30P24, industr	ial, solid									
	С	Hoffman, CP3024, Concep	t, solid									
Size	3024	See Page 3, Table 2 for int	erior dir	nensi	ons							
Layout	HG	Horizontal layout "H" w/ g										
See page 3	HW	Horizontal layout "H" w/ v										
Table 2	VG	Vertical layout "V" w/ gre	•									
	VW	Vertical layout "V" w/ whi										
	DG	DIN rail layout "D" w/ gre	•									
	DW	DIN rail layout "D" w/ whi										
	EG	Economy layout "E" w/ gr	•									
	EW	Economy layout "E" w/ w										
	QG	Quad layout "Q" w/ grey l										
	QW	Quad layout "Q" w/ white	Panduit	t F sei	ries wire du	ict						
Approvals	X U	No approval required Meets 508A Standard for	III Lictor	d Onc	an Control D	Panal						
Options	X	No option selected	OF FISCE	и Оре	EII COIILIOI P	aner		J				
-	A	3 amp DIN rail mounted c	ircuit br	aakar	cubetituto	d for tormin	al "I"	,				
See page 4	B	5 amp DIN rail mounted c										
	C	10 amp DIN rail mounted										
	D	3 amp fuse holder termina										
	E	5 amp fuse holder termina				-						
	F	10 amp fuse holder termin				-						
	G	Switching terminal block s				•						
	н	Finger-safe terminal block										
	ï	10 extra terminals mount						• • •				
	j	20 extra terminals mount			,		•	0 ,				
	K	40 extra terminals mount			,		•	0 ,				
	Ĺ	Solid wall wire duct to end			•		•	0 ,				
	M	2x4 box w/ 2 gang Cat5E of										
	N	2x4 box w/ 4 gang Cat5E	•		•	•	-					
	0	5ft Cat5E cable, male/mal	•		•							
Power Control	XX	No factory mounted disco				iired			•			
See pages 5 & 6	DS	Used for SW-1, 15 amp di					box					
See pages 5 & 0	DD	Used for SW-1, 15 amp di				-						
	FD	Used for SW-1, 10 amp Fu	nctional	l Devi	ces PSPT2R	B10 w/ 4x4	box					
	DL	Used for SW-1, 15 amp di	sconnec	t & dı	uplex recep	tacle, indic	ator li	ght, 10 amp fuse	w/ 4x4 box			
Control Power	000	No factory mounted trans	former o	or po	wer supply	required				-		
Transformers	040	Labeled TX-1, TR40VA001				•						
& Pwr Supplies	050	Labeled TX-1, TR50VA001	, 50VA, 1	120x2	24VAC, w/ c	ircuit break	er					
See page 7	075	Labeled TX-1, TR75VA001	, 75VA, 1	120x2	24VAC, w/ c	ircuit break	er				Cont'd	Cont'd
- 10	100	Labeled TX-1, TR100VA00	1, 100V	۹, 120	0x24VAC, w	/ circuit bre	aker				Next	Next
Cont'd	D40	Labeled TX-1, TR40VA001	, 40VA, 1	120x2	24VAC, w/ c	ircuit break	er, DI	UAL HUB			Page	Page
Next	D50	Labeled TX-1, TR50VA001	, 50VA, 1	120x2	24VAC, w/ c	ircuit break	er, DI	UAL HUB				
Page	D75	Labeled TX-1, TR75VA001	, 75VA, 1	120x2	24VAC, w/ c	ircuit break	er, DI	UAL HUB				
	D10	Labeled TX-1, TR100VA00	1, 100V	۹, 120	0x24VAC, w	/ circuit bre	aker,	DUAL HUB				

EZ 3024™	EZ Panel Mo	del Selection
PANEL FAB, INC. 10 Crosby Rd		REV 11
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continued

Table	Ontions	Model #	SUB	0-05	3024									
Table	Options	iviouei #	306	_	3024		_	_		_			_	
			_											
Control Power	F04*	TX-1, PSH40AB10-IC, po	ver sunnly	120x	24\/∆C 40\	/Δ w/hre	aker & o	utlet II	1508Δ					
Transformers	F44*	TX-1/2, PSH40A40AB10-			-			-		+ 111508	Δ.			
& Pwr Supplies	F47**	TX-1/2, PSH40A75AB10,						•		-	^			
See page 7	F41*	TX-1/2, PSH40A100AB10			•	-		-			JI 508A			
see page 7	F07**	TX-1, PSH75AB10, powe				-	•		or currer ca	outlet, t	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	F77**	TX-1/2, PSH75A75AB10,				-			& outlet					
	F71**	TX-1/2, PSH75A100AB10			•					tlet				
	F01*	TX-1, PSH100AB10-IC, p	•			-	•							
	F11*	TX-1/2, PSH100A100AB1								utlet. UL	508A			
	123	Labeled DC-1, HDR-30-2	-			-	` '			, 5 .				
	126	Labeled DC-1, HDR-60-2					•	•						
	122	Labeled DC-1, DRC100U	-			-				1				
	121	Labeled DC-1, NDR-120-												
Field or	000	No factory mounted trai				-	,					_		
Auxiliary	040	Labeled TX-2, TR40VA00		•		quircu								
Power	050	Labeled TX-2, TR50VA00				cuit break	er							
Transformers	075	Labeled TX-2, TR75VA00												
& Pwr Supplies	100	Labeled TX-2, TR100VAC												
	D40	Labeled TX-2, TR40VA00						HUB						
See page 7	D50	Labeled TX-2, TR50VA00												
	D75	Labeled TX-2, TR75VA00												
	D10	Labeled TX-2, TR100VAC							3					
	F04*	TX-2, PSH40AB10-IC, por												
	F07**	TX-2, PSH75AB10, powe												
	F01*	TX-2, PSH100AB10-IC, p							. UL508A					
	123	Labeled DC-2, HDR-30-2		-										
	126	Labeled DC-2, HDR-60-2	-			-								
	122	Labeled DC-2, DRC100U	-			-				d				
	121	Labeled DC-2, NDR-120-		-		-								
Field or	000	No factory mounted trai		•			.,	, =11				-		
Auxiliary	040	Labeled TX-3, TR40VA00			,	.,								
Power	050	Labeled TX-3, TR50VA00				cuit break	er							
Transformers	075	Labeled TX-3, TR75VA00												
& Pwr Supplies	100	Labeled TX-3, TR100VAC												
See page 7	D40	Labeled TX-3, TR40VA00						. HUB						
see hage /	D50	Labeled TX-3, TR50VA00												
	D75	Labeled TX-3, TR75VA00												
	D10	Labeled TX-3, TR100VAC							3					
	123	Labeled DC-3, HDR-30-2												
	126	Labeled DC-3, HDR-60-2				•	•							
	122	Labeled DC-3, DRC100U					•	•		1				
	121	Labeled DC-3, NDR-120-		-		-				-				

* Option is not available if separate Power Control was selected

** Option is not available if separate Power Control was selected OR UL Listing is required

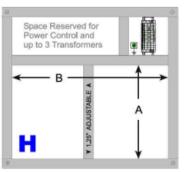
Notes

Subpanel Material and Layout Options

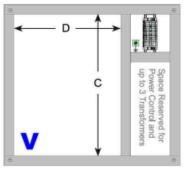
New Standard Feature

"H" Layout now includes vertical section of wire duct shipped loose w/ mounting screws.

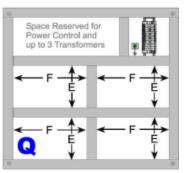
Provides greater flexibility and neater wiring for field installed components.



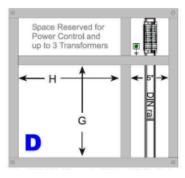
30 x 24 Horizontal Layout w/ 1.25" x 3" Wire Duct



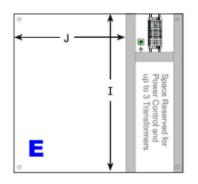
30 x 24 Vertical Layout w/ 1.25" x 3" Wire Duct



30 x 24 Quad Layout w/ 1.25" x 3" Wire Duct



30 x 24 DIN Rail Layout w/ 1.25" x 3" Wire Duct



30 x 24 Economy Layout w/ 1.25" x 3" Wire Duct

INSTRUCTIONS: Use Table 1 to select a subpanel that is compatible with your enclosure and NEMA rating. Insert the blue letter for Material Selection in the first highlighted field. Use the interior mounting dimensions in Table 2 to determine which Layout Configuration provides ample space to field mount and wire your components. Choose the blue letter for the appropriate layout drawing and insert this as the first character in the second highlighted field. The second character in this field will indicate wire duct color... "G" for grey or "W" for white.

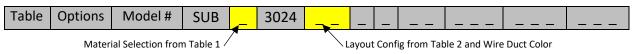


Table 1

Material Selection	Brand	Material	Color	Mfr Part # Fits Enclosure		NEMA Rating
Р	Hoffman	Perforated	grey	A30N24MPP A30N24xxx		1
S	Hoffman	Solid	white	A30N24MP	A30N24xxx	1
I	Hoffman	Solid	white	A30P24	Consult Hoffman	3R, 4, 12/13
С	Hoffman	solid	white	CP3024	CSD3024xx	4, 12

				Interior	Mounting D	imensions i	n Inches			
Table 2	H – Hor	rizontal	V – Vertica		Q – Quad Layout		D – DIN R	ail Layout	E – Economy	
Material Selection	Α	В	C D		E	F	G	Н	I	J
Р	17 -1/4 "	20"	23 -1/2"	13 -3/4 "	8"	9 -3/8"	17 -1/4 "	13 -3/4 "	26"	15"
S	17 -1/4 "	20"	23 -1/2"	13 -3/4 "	8"	9 -3/8"	17 -1/4 "	13 -3/4 "	26"	15"
I	18 -1/4 "	18 -1/2"	24 -1/2"	12 -1/4 "	8 -1/2"	8 -5/8"	18 -1/4 "	12 -1/4 "	27"	13 -1/2"
С	19 -3/8 "	19 -5/8"	25 -5/8"	13 -3/8 "	9"	9 -3/16"	19 -3/8 "	13 -3/8"	28 -3/16 "	14 -5/8"



Options

Table Options Model# SUB 3024

Select (1) Option and insert the letter to fill in the highlighted field / of the EZ Panel model number

MODEL SELECTION NOTES

Note 1: Insert the letter "X" in this field of the EZ Panel model number if no Option is required.

Note 2: All Options are available individually. If more than (1) Option is required, simply order the additional Options

using the prefix "EZ-".

Example: If your panel requires a 10 amp circuit breaker... capability to isolate the 24VAC circuits... and (20) extra terminal blocks... you would order (3) items as follows:

SUB - P - 3024 - HG - X - C - DS -100 - 100 - 100

EZ - G

EZ - J

Photo Shown as typical for panels having (2) transformers Note 3:

3 AMP Breaker

3 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

3 AMP Fuse Holder

3 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

*See Note 3

Isolate 24VAC Circuit

Switching terminal block substituted for each 24VAC hot terminal block









Terminal Cover

Transparent finger-safe terminal block cover. Threaded nylon nuts must be removed to access terminal block.



5 AMP Breaker

5 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

5 AMP Fuse Holder

5 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3



	-
ee Note 3	

10 AMP Breaker

*See Note 3

"L"

10 AMP Fuse Holder

10 amp fuse holder terminal with

fast-blo fuse substituted for terminal

10 amp DIN rail mounted circuit

breaker substituted for terminal "L"

Continued on next page

EZ 3024™ **EZ Panel Model Selection** PANEL FAB, INC. **REV 11** 10 Crosby Rd Dover, NH 03820 4 of 10 470-412-0173

Options (Continued)

10 Extra Terminals

10 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

Isolated 120VAC

Solid wall wire duct to isolate line voltage terminal blocks and all 120VAC circuits. See Supplementary Spec "L" on page...



*See Note 3

Cat5E Cable

5ft Cat5E, male/male cable shipped loose.



*See Note 3

20 Extra Terminals

20 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

2 Gang Cat5E

Two gang plastic cover plate with (2) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*See Note 3

40 Extra Terminals

40 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



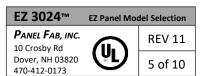
*See Note 3

4 Gang Cat5E

Four gang plastic cover plate with (4) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*Soo Noto 2

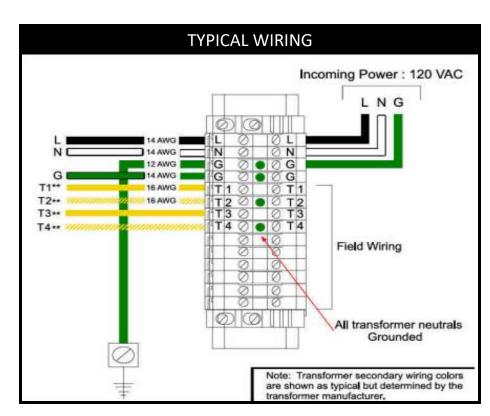


Power Control Options



Select (1) Option and insert the letters to fill in the highlighted field of the EZ Panel model number





		TERMINAL	ASSEMBLY
Show	wn for (2) transforr	ners	
	Bill of Materials		
COMPONENT	MANUFACTURER	PART NO.	Company of the Local Division in the last of the last
Terminal Block	Entrelec	11511607	C. W. B. L. C.
End Plate	Entrelec	11836816	A 2 2 2 2
End Stop	Entrelec	20635116	THE REAL PROPERTY.
Marking Cards	Entrelec	23300001	
Jumper Bar	Entrelec	17478420	
Jumper Post	Entrelec	16860416	CAS
Ground Lug	Thomas & Betts	L70	



Power Control Options, Cont'd

MODEL SELECTION NOTES



Power control (SW-1) is optional

If no Power Control is selected, insert the letters XX in the highlighted field of the EZ Panel Model Number.

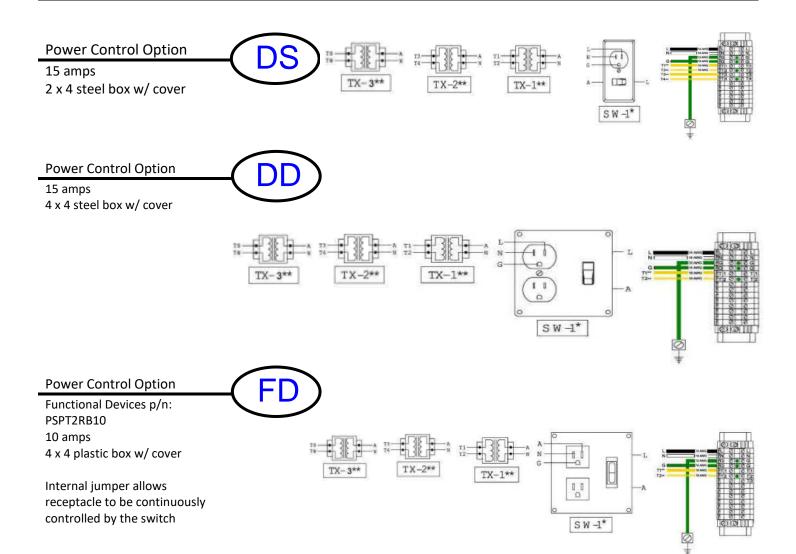
If no Power Control is selected, but factory mounted transformers are still required; transformers will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Inserting XX in this field is mandatory if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers. See below for related wiring schematics.

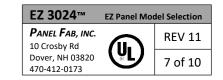


* Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.



See next page for more Power Control Options

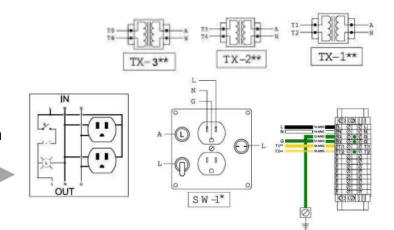


Power Control Options, Cont'd

Power Control Option

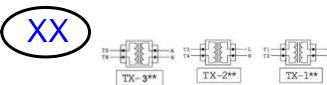
- 15 amp rated components
- 4 x 4 steel box w/ cover
- * Includes red indicator light
- * Includes fuse holder w/ 10 amp fuse

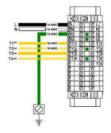
Supplemental internal wiring diagram for Power Control Option DL only



Power Control Option

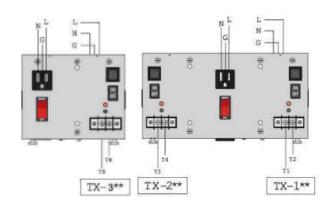
Valid option is no factory installed Power Control device is required for the panel. All transformers are HOT when panel is powered.

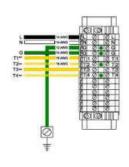




Also valid if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers.

Internal jumper allows receptacle to be continuously controlled by the switch.





Control Power Options



Select Options for up to (2) total transformers and insert the letters to fill in the highlighted fields of the EZ Panel model number

MODEL SELECTION NOTES

* P

Power control (SW-1) from pages 7 & 8 were optional.

If no Power Control is selected, but foot mounted transformers or power supplies are still required; devices will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Due to space limitations, use of Functional Devices PSH Series Combination Power Supplies voids the option to have separate Power Controls from pages 7 & 8. If PSH Series devices are required, you should have the letters "XX" inserted for Power Control. These devices include both an integral disconnect/breaker and low voltage transformers. Together, they take the place of separate power control methods and standard foot mounted transformers. Refer to previous page for wiring schematics.

* *

Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

	Functional Devices Transformers										
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	HUBS	FEATURES					
040	TR40VA001	120 VAC	24 VAC	40	1	Class 2, UL Listed w/ circuit breaker					
050	TR50VA005	120 VAC	24 VAC	50	1	Class 2, UL Listed w/ circuit breaker					
075	TR75VA001	120 VAC	24 VAC	75	1	Class 2, UL Listed w/ circuit breaker					
100	TR100VA001	120 VAC	24 VAC	100	1	Class 2, UL Listed w/ circuit breaker					
D40	TR40VA002	120 VAC	24 VAC	40	2	Class 2, UL Listed w/ circuit breaker					
D50	TR50VA009	120/208/240 VAC	24 VAC	50	2	Class 2, UL Listed w/ circuit breaker					
D75	TR75VA002	120 VAC	24 VAC	75	2	Class 2, UL Listed w/ circuit breaker					
D10	TR100VA002	120 VAC	24 VAC	100	2	Class 2. UL Listed w/ circuit breaker					





	Functional Devices Combination Power Supplies									
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	FEATURES	NOTES				
F04	PSH40AB10-IC	120 VAC	24 VAC	40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3				
F07	PSH75AB10	120 VAC	24 VAC	75	Class 2, w/ circuit breaker & receptacle	1, 2, 3				
F01	PSH100AB10-IC	120 VAC	24 VAC	100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3				
F44	PSH40A40AB10-IC	120 VAC	(2) 24 VAC	40/40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3				
F47	PSH40A75AB10	120 VAC	(2) 24 VAC	40/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3				
F41	PSH40A100AB10-IC	120 VAC	(2) 24 VAC	40/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3				
F77	PSH75A75AB10	120 VAC	(2) 24 VAC	75/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3				
F71	PSH75A100AB10	120 VAC	(2) 24 VAC	75/100	Class 2, w/ circuit breaker & receptacle	1, 2, 3				
F11	PSH100A100AB10-IC	120 VAC	(2) 24 VAC	100/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3				



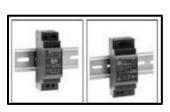


NOTE 1: Not available with separate Power Control

NOTE 2: Not available if "U" was selected for UL Listing in the Approvals field of the EZ Panel model number

NOTE~3: Availability~varies~by~panel~size.~Please~refer~to~pages~1~&~2~of~the~Model~Selection~Guide~to~confirm~compatibility~the confirm~compatibility~the compatibility~the~compatibility~the~compati

	MeanWell HDR/NDR Power Supplies									
EZ OPTION	OPTION PART NO. INPUT OUTPUT CAPACITY FEATURES									
123	HDR-30-24	85-264 VAC	24 vdc	30W	Class 2, adjustable output, DIN mounted					
126	HDR-60-24	85-264 VAC	24 vdc	60W	Class 2, adjustable output, DIN mounted					
122	DRC100US24	85-264 VAC	24 vdc	100W	Class 2, adjustable output, DIN mounted					
I21	NDR-120-24	90-264 VAC	24 vdc	120W	Adjustable output, DIN mounted					



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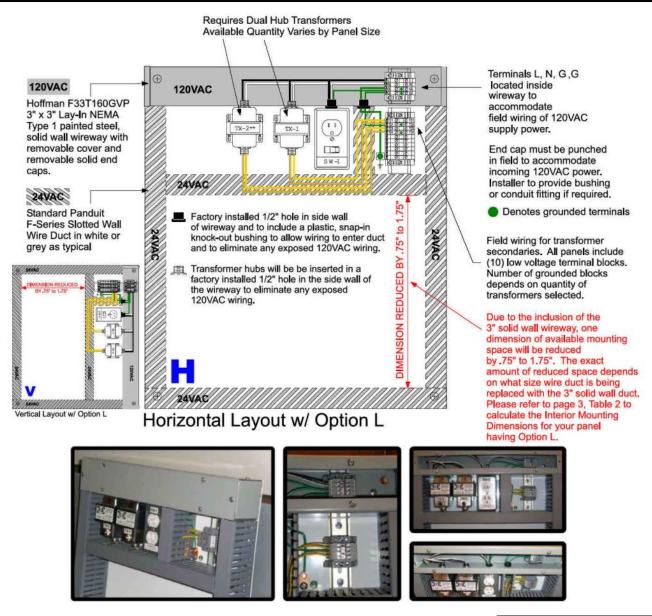
 Dover, NH 03820
470-412-0173
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Option "L" Supplementary Specification

This is a supplementary specification guide and should be used in conjunction with the standard EZ Panel Model Selection Guides for each panel size offered in our product line. This document only applies to EZ Panels with "L" selected in the Options table. This design satisfies separation of circuits as well as strict panel standards which prohibit exposed 120VAC or line voltage wiring. Please note that choosing Option "L" dictates some panel choices and limits others. Specifying panels with this option reduces the standard available interior, module mounting space for all sizes and all applicable layouts. Please follow model selection instructions carefully.

Only Horizontal and Vertical layouts are shown below. However, Option "L" is available with every size and layout in the EZ Panel product line. Feature details shown on the horizontal layout are typical except that reduced interior mounting dimensions will vary depending on what size wire duct is replaced by the solid wall duct.



Fill in the blanks to build your custom model number by selecting one Option from each Table

- o Consult pages 3 thru 10 to select the Material, Layout, Power Control, and other Options that best suit your application.
- o Example model number ... SUB-S-2420-HG-X-X-00-050-050

Table		Model #	SUB	_	3624		_	_				
Туре	SUB	Subpanel Assembly								Cont'd	Cont'd	Cont'd
Material	P	Hoffman, A36N24MPP, Per	f, NEM	A 1						Next	Next	Next
See page 3	S	Hoffman, A36N24MP, solid								Page	Page	Page
Table 1	1	Hoffman, A36P24, industria	al, solid									
	С	Hoffman, CP3624, Concept	, solid									
Size	3624	See Page 3, Table 2 for inte		nensi	ons							
Layout	HG	Horizontal layout "H" w/ gr	ey Pano	duit F	Series wire	e duct						
See page 3	HW	Horizontal layout "H" w/ w	hite Par	nduit	F Series wi	re duct						
Table 2	VG	Vertical layout "V" w/ grey	Panduit	t F Se	eries wire d	uct						
	vw	Vertical layout "V" w/ white	e Pandu	ıit F S	Series wire	duct						
	DG	DIN rail layout "D" w/ grey	Panduit	t F Se	eries wire d	uct						
	DW	DIN rail layout "D" w/ white	e Pandu	ıit F S	Series wire	duct						
	EG	Economy layout "E" w/ gre	y Pandu	uit F S	Series wire	duct						
	EW	Economy layout "E" w/ whi	te Pano	duit F	Series wire	e duct						
Approvals	X	No approval required										
	U	Meets 508A Standard for U	L Listed	l Ope	n Control F	anel						
Options	X	No option selected										
See page 4	Α	3 amp DIN rail mounted cir	cuit bre	aker	substituted	d for termin	ıal "L'	,				
	В	5 amp DIN rail mounted cir	cuit bre	aker	substituted	d for termir	ıal "L'	,				
	C	10 amp DIN rail mounted c	rcuit br	eake	r substitute	ed for term	inal "	L"				
	D	3 amp fuse holder terminal	substit	uted	for termina	al "L" w/ Bu	iss fas	st-blo fuse				
	E	5 amp fuse holder terminal	amp fuse holder terminal substituted for terminal "L" w/ Buss fast-blo fuse									
	F	10 amp fuse holder termina	al subst	itute	d for termi	nal "L" w/ E	uss f	ast-blo fuse				
	G	Switching terminal block su	bstitute	ed fo	r each 24V	AC hot term	inal b	olock				
	н	Finger-safe terminal block of	cover, ti	ransp	parent (pro	tects entire	term	inal strip)				
	1	10 extra terminals mounted	d on 12	inch	DIN rail (sh	ipped loose	e w/ r	nntg screws)				
	J	20 extra terminals mounted	d on 12	inch	DIN rail (sh	ipped loose	e w/ r	nntg screws)				
	K	40 extra terminals mounted	d on 12	inch	DIN rail (sh	ipped loose	e w/ r	nntg screws)				
	L	Solid wall wire duct to encl	ose 120	VAC	circuits - se	ee Supplem	entar	y Spec "L"				
	M	2x4 box w/ 2 gang Cat5E co	ver pla	te an	d jacks – sh	nips loose w	/ scre	ews				
	N	2x4 box w/ 4 gang Cat5E co	ver pla	te an	d jacks – sh	nips loose w	/ scre	ews				
	0	5ft Cat5E cable, male/male	– ships	loos	e							
Power Control	XX	No factory mounted discon				iired			-			
See pages 5 & 6	DS	Used for SW-1, 15 amp disc	connect	& siı	ngle recept	acle w/ 2x4	box					
TTT PuBCO O CO	DD	Used for SW-1, 15 amp disc	connect	& dı	uplex recep	tacle w/ 4x	4 box					
	FD	Used for SW-1, 10 amp Fun				-						
	DL	Used for SW-1, 15 amp disc				-		ight, 10 amp fuse	w/ 4x4 box			
Control Power	000	No factory mounted transfe			-			•				
Transformers	040	Labeled TX-1, TR40VA001,				•						
& Pwr Supplies	050	Labeled TX-1, TR50VA001,	•			ircuit break	er					
See page 7	075	Labeled TX-1, TR75VA001,	•									
See page /	100	Labeled TX-1, TR100VA001	,									
Cont'd	D40	Labeled TX-1, TR40VA001,						UAL HUB			Cont'd	Cont'd
Next	D50	Labeled TX-1, TR50VA001,									Next	Next
Page	D75	Labeled TX-1, TR75VA001,	•								Page	Page
6-	D10	Labeled TX-1, TR100VA001	•								_	_

continued

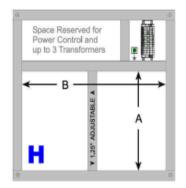
Table	Ontions	mber SUB-S-2420-HO Model #	SUB		3624									
Table	Options	IVIOUEI #	306	_	3024		_	_					-	
			_											
Control Power	F04*	TX-1, PSH40AB10-IC, pc	wer sunnly	/ 120v	/24\/ΔC 40\	/Δ w/ hre	aker & o	utlet II	Ι 508Δ					
Transformers	F44*	TX-1/2, PSH40A40AB10		•				-		. III 5084	4			
& Pwr Supplies	F47**	TX-1/2, PSH40A75AB10						•		-				
See page 7	F41*	TX-1/2, PSH40A100AB1				-		•			I 508A			
see page /	F07**	TX-1, PSH75AB10, power				-	•		Di canci a	out.ct, 0.	2000, 1			
	F77**	TX-1/2, PSH75A75AB10				-			& outlet					
	F71**	TX-1/2, PSH75A100AB1								tlet				
	F01*	TX-1, PSH100AB10-IC, p				-	•							
	F11*	TX-1/2, PSH100A100AB		• •	-					ıtlet. UL5	08A			
	123	Labeled DC-1, HDR-30-2	-			-	` '			,	-			
	126	Labeled DC-1, HDR-60-2	•				•							
	122	Labeled DC-1, DRC100U	-			-								
	121	Labeled DC-1, NDR-120		-										
Field or	000	No factory mounted tra		•			-	-				_		
Auxiliary	040	Labeled TX-2, TR40VA0												
Power	050	Labeled TX-2, TR50VA0				cuit break	er							
Transformers	075	Labeled TX-2, TR75VA0												
& Pwr Supplies	100	· ·	abeled TX-2, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker											
See page 7	D40	· ·	abeled TX-2, TR40VA001, 40VA, 120x24VAC, w/ circuit breaker, DUAL HUB											
See page /	D50	Labeled TX-2, TR50VA0												
	D75	Labeled TX-2, TR75VA0	01, 75VA, 1	20x24	VAC, w/ cir	cuit break	er, DUAI	. HUB						
	D10	Labeled TX-2, TR100VA	001, 100VA	, 120x	24VAC, w/	circuit bre	aker, DL	IAL HUE	3					
	F04*	TX-2, PSH40AB10-IC, pc												
	F07**	TX-2, PSH75AB10, powe												
	F01*	TX-2, PSH100AB10-IC, p	ower supp	ly, 120)x24VAC, 10	00VA, w/ b	reaker 8	k outlet	, UL508A					
	123	Labeled DC-2, HDR-30-2	24, 24 vdc r	ower	supply, 120	VAC input	, 30 wat	t, DIN n	nounted					
	126	Labeled DC-2, HDR-60-2	-			-								
	122	Labeled DC-2, DRC100U	-			-								
	121	Labeled DC-2, NDR-120	-24, 24 vdc	powe	r supply, 12	OVAC inpu	ıt, 120 w	att, DIN	N mounted					
Field or	000	No factory mounted tra	nsformer c	r pow	er supply re	equired								
Auxiliary	040	Labeled TX-3, TR40VA00	01, 40VA, 1	20x24	VAC									
Power	050	Labeled TX-3, TR50VA00	01, 50VA, 1	20x24	VAC, w/ cir	cuit break	er							
Transformers	075	Labeled TX-3, TR75VA0	01, 75VA, 1	20x24	VAC, w/ cir	cuit break	er							
& Pwr Supplies	100	Labeled TX-3, TR100VA	001, 100VA	, 120x	24VAC, w/	circuit bre	aker							
See page 7	D40	Labeled TX-3, TR40VA0	01, 40VA, 1	20x24	VAC, w/ cir	cuit break	er, DUAI	. HUB						
1	D50	Labeled TX-3, TR50VA0	01, 50VA, 1	20x24	VAC, w/ cir	cuit break	er, DUAI	. HUB						
	D75	Labeled TX-3, TR75VA0	01, 75VA, 1	20x24	VAC, w/ cir	cuit break	er, DUAI	. HUB						
	D10	Labeled TX-3, TR100VA	001, 100VA	, 120x	24VAC, w/	circuit bre	aker, DL	IAL HUE	3					
	123	Labeled DC-3, HDR-30-2	24, 24 vdc p	ower	supply, 120	VAC input	, 30 wat	t, DIN n	nounted					
	126	Labeled DC-3, HDR-60-2	24, 24 vdc p	ower	supply, 120	VAC input	, 60 wat	t, DIN n	nounted					
	122	Labeled DC-3, DRC100U	S24, 24 vd	c pow	er supply, 1	20VAC inp	ut, 100	watt, DI	N mounted					
	121	Labeled DC-3, NDR-120	-24, 24 vdc	powe	r supply, 12	OVAC inpu	ıt 120 w	att DIN	l mounted					

* Option is not available if separate Power Control was selected

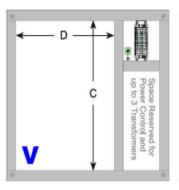
** Option is not available if separate Power Control was selected OR UL Listing is required

Notes

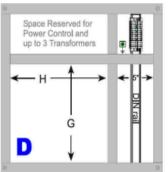
Subpanel Material and Layout Options



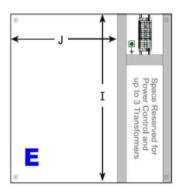
36 x 24 Horizontal Layout w/ 1.25" x 3" Wire Duct



36 x 24 Vertical Layout w/ 1.25" x 3" Wire Duct



36 x 24 DIN Rail Layout w/ 1.25" x 3" Wire Duct



36 x 24 Economy Layout w/ 1.25" x 3" Wire Duct



INSTRUCTIONS: Use Table 1 to select a subpanel that is compatible with your enclosure and NEMA rating. Insert the blue letter for Material Selection in the first highlighted field. Use the interior mounting dimensions in Table 2 to determine which Layout Configuration provides ample space to field mount and wire your components. Choose the blue letter for the appropriate layout drawing and insert this as the first character in the second highlighted field. The second character in this field will indicate wire duct color... "G" for grey or "W" for white.

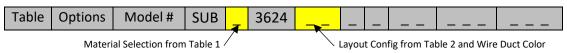


Table 1

Material Selection	Brand	Material	Color	Mfr Part #	Fits Enclosure	NEMA Rating
Р	Hoffman	Perforated	grey	A36N24MPP	A36N24xxx	1
S	Hoffman	Solid	white	A36N24MP	A36N24xxx	1
I	Hoffman	Solid	white	A36P24	Consult Hoffman	3R, 4, 12/13
С	Hoffman	solid	white	CP3624	CSD3624xx	4, 12

		Interior Mounting Dimensions in Inches								
Table 2	H – Horizoi	ntal Layout	V – Vertic	cal Layout	D – DIN R	ail Layout	E – Economy Layout			
Material Selection	Α	В	С	D	E	F	G	Н		
Р	23 -1/4 "	20"	29 -1/2"	13 -3/4 "	23 -1/4 "	13 -3/4 "	32"	15"		
S	23 -1/4 "	20"	29 -1/2"	13 -3/4 "	23 -1/4 "	13 -3/4 "	32"	15"		
1	24 -1/4 "	18 -1/2"	30 -1/2"	12 -1/4 "	24 -1/4 "	12 -1/4 "	33"	13 -1/2"		
С	25 -5/8 "	19 -5/8"	31 -5/8"	13 -3/8 "	25 -5/8 "	13 -3/8"	34 -3/16 "	14 -5/8"		

EZ 3624™	EZ Panel Model Selection					
PANEL FAB, INC. 10 Crosby Rd		REV 11				
Dover, NH 03820 470-412-0173	(PL)	3 of 10				

Options

Table Options Model# SUB 3624

Select (1) Option and insert the letter to fill in the highlighted field / of the EZ Panel model number

MODEL SELECTION NOTES

Note 1: Insert the letter "X" in this field of the EZ Panel model number if no Option is required.

Note 2: All Options are available individually. If more than (1) Option is required, simply order the additional Options

using the prefix "EZ-".

Example: If your panel requires a 10 amp circuit breaker... capability to isolate the 24VAC circuits... and (20) extra terminal blocks... you would order (3) items as follows:

SUB - P - 3624 - HG - X - C - DS -100 - 100 - 100

EZ - G

EZ - J

Photo Shown as typical for panels having (2) transformers Note 3:

3 AMP Breaker

3 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

3 AMP Fuse Holder

3 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

Isolate 24VAC Circuit

Switching terminal block substituted for each 24VAC hot terminal block







*See Note 3

5 AMP Breaker

5 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

5 AMP Fuse Holder

5 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

Terminal Cover

Transparent finger-safe terminal block cover. Threaded nylon nuts must be removed to access terminal block.



10 AMP Breaker

10 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

10 AMP Fuse Holder

10 amp fuse holder terminal with fast-blo fuse substituted for terminal "L"



*See Note 3

Continued on next page

EZ 3624™ **EZ Panel Model Selection** PANEL FAB, INC. **REV 11** 10 Crosby Rd Dover, NH 03820 4 of 10 470-412-0173

Options (Continued)

10 Extra Terminals

10 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

Isolated 120VAC

Solid wall wire duct to isolate line voltage terminal blocks and all 120VAC circuits. See Supplementary Spec "L" on page...



*See Note 3

Cat5E Cable

5ft Cat5E, male/male cable shipped loose.



*See Note 3

20 Extra Terminals

20 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

2 Gang Cat5E

Two gang plastic cover plate with (2) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*See Note 3

40 Extra Terminals

40 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



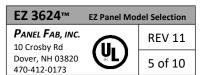
*See Note 3

4 Gang Cat5E

Four gang plastic cover plate with (4) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*Soo Noto 2

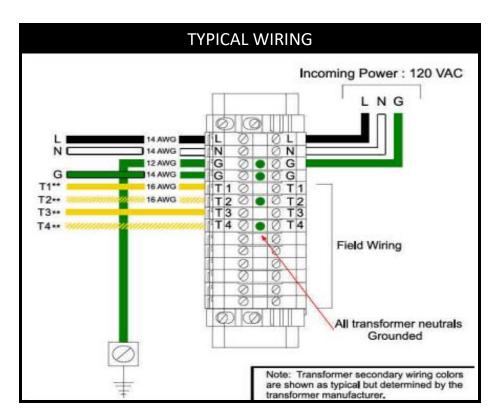


Power Control Options



Select (1) Option and insert the letters to fill in the highlighted field of the EZ Panel model number





		TERMINAL	_ ASSEMBLY
Sho	wn for (2) transforr	mers	
	Bill of Materials		
COMPONENT	MANUFACTURER	PART NO.	Company of the Control of the Contro
Terminal Block	Entrelec	11511607	Contract district
End Plate	Entrelec	11836816	
End Stop	Entrelec	20635116	THE RESERVE OF THE PERSON NAMED IN
Marking Cards	Entrelec	23300001	
Jumper Bar	Entrelec	17478420	
Jumper Post	Entrelec	16860416	Coo
Ground Lug	Thomas & Betts	L70	

Power Control Options, Cont'd

MODEL SELECTION NOTES



♣ Power control (SW-1) is optional

If no Power Control is selected, insert the letters XX in the highlighted field of the EZ Panel Model Number.

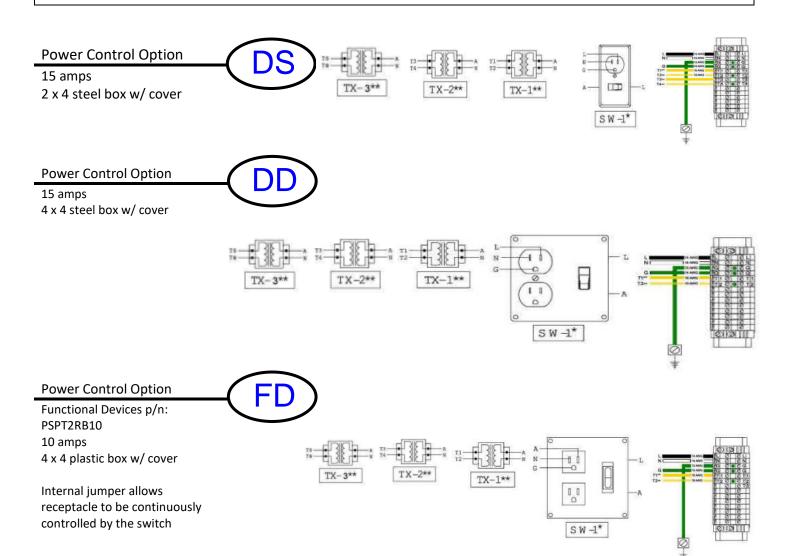
If no Power Control is selected, but factory mounted transformers are still required; transformers will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Inserting XX in this field is mandatory if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers. See below for related wiring schematics.



* Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.



See next page for more Power Control Options

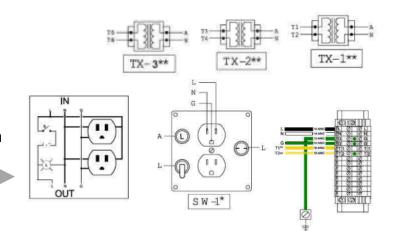


Power Control Options, Cont'd

Power Control Option

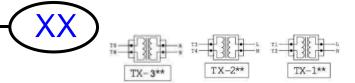
- 15 amp rated components
- 4 x 4 steel box w/ cover
- * Includes red indicator light
- * Includes fuse holder w/ 10 amp fuse

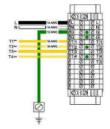
Supplemental internal wiring diagram for Power Control Option DL only



Power Control Option

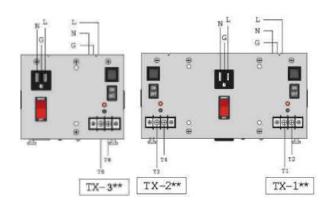
Valid option is no factory installed Power Control device is required for the panel. All transformers are HOT when panel is powered.

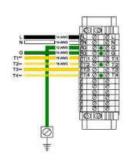




Also valid if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers.

Internal jumper allows receptacle to be continuously controlled by the switch.





Control Power Options



Select Options for up to (2) total transformers and insert the letters to fill in the highlighted fields of the EZ Panel model number

MODEL SELECTION NOTES

* P

Power control (SW-1) from pages 7 & 8 were optional.

If no Power Control is selected, but foot mounted transformers or power supplies are still required; devices will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Due to space limitations, use of Functional Devices PSH Series Combination Power Supplies voids the option to have separate Power Controls from pages 7 & 8. If PSH Series devices are required, you should have the letters "XX" inserted for Power Control. These devices include both an integral disconnect/breaker and low voltage transformers. Together, they take the place of separate power control methods and standard foot mounted transformers. Refer to previous page for wiring schematics.

* *

Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

	Functional Devices Transformers										
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	HUBS	FEATURES					
040	TR40VA001	120 VAC	24 VAC	40	1	Class 2, UL Listed w/ circuit breaker					
050	TR50VA005	120 VAC	24 VAC	50	1	Class 2, UL Listed w/ circuit breaker					
075	TR75VA001	120 VAC	24 VAC	75	1	Class 2, UL Listed w/ circuit breaker					
100	TR100VA001	120 VAC	24 VAC	100	1	Class 2, UL Listed w/ circuit breaker					
D40	TR40VA002	120 VAC	24 VAC	40	2	Class 2, UL Listed w/ circuit breaker					
D50	TR50VA009	120/208/240 VAC	24 VAC	50	2	Class 2, UL Listed w/ circuit breaker					
D75	TR75VA002	120 VAC	24 VAC	75	2	Class 2, UL Listed w/ circuit breaker					
D10	TR100VA002	120 VAC	24 VAC	100	2	Class 2. UL Listed w/ circuit breaker					





	Fund	ctional D	evices C	ombin	ation Power Supplies	
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	FEATURES	NOTES
F04	PSH40AB10-IC	120 VAC	24 VAC	40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F07	PSH75AB10	120 VAC	24 VAC	75	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F01	PSH100AB10-IC	120 VAC	24 VAC	100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F44	PSH40A40AB10-IC	120 VAC	(2) 24 VAC	40/40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F47	PSH40A75AB10	120 VAC	(2) 24 VAC	40/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F41	PSH40A100AB10-IC	120 VAC	(2) 24 VAC	40/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F77	PSH75A75AB10	120 VAC	(2) 24 VAC	75/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F71	PSH75A100AB10	120 VAC	(2) 24 VAC	75/100	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F11	PSH100A100AB10-IC	120 VAC	(2) 24 VAC	100/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3





NOTE 1: Not available with separate Power Control

NOTE 2: Not available if "U" was selected for UL Listing in the Approvals field of the EZ Panel model number

 $NOTE \ 3: Availability \ varies \ by \ panel \ size. \ Please \ refer \ to \ pages \ 1 \ \& \ 2 \ of \ the \ Model \ Selection \ Guide \ to \ confirm \ compatibility \ denotes the \ confirm \ confirm \ denotes the \ denote$

	1	MeanWel	I HDR/	NDR Pow	ver Supplies
EZ OPTION	PART NO.	INPUT	OUTPUT	CAPACITY	FEATURES
123	HDR-30-24	85-264 VAC	24 vdc	30W	Class 2, adjustable output, DIN mounted
126	HDR-60-24	85-264 VAC	24 vdc	60W	Class 2, adjustable output, DIN mounted
122	DRC100US24	85-264 VAC	24 vdc	100W	Class 2, adjustable output, DIN mounted
121	NDR-120-24	90-264 VAC	24 vdc	120W	Adjustable output, DIN mounted



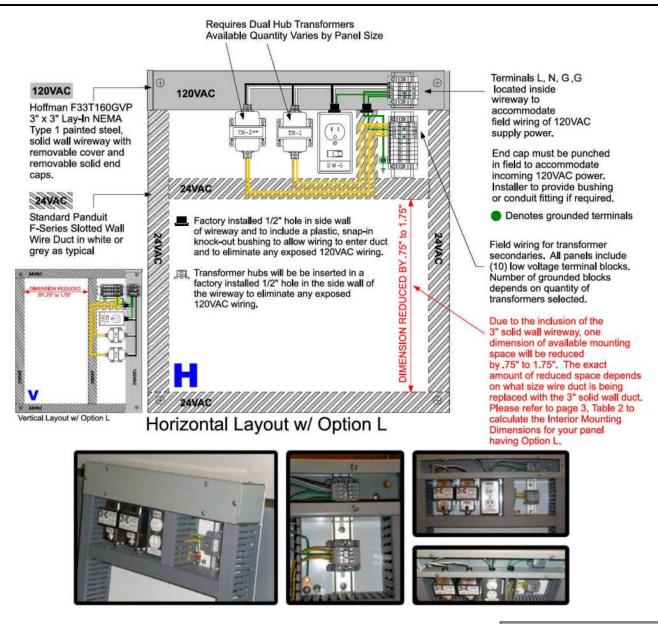
 PANEL FAB, INC.
 10 Crosby Rd
 REV 11

 Dover, NH 03820
 470-412-0173
 9 of 10

Option "L" Supplementary Specification

This is a supplementary specification guide and should be used in conjunction with the standard EZ Panel Model Selection Guides for each panel size offered in our product line. This document only applies to EZ Panels with "L" selected in the Options table. This design satisfies separation of circuits as well as strict panel standards which prohibit exposed 120VAC or line voltage wiring. Please note that choosing Option "L" dictates some panel choices and limits others. Specifying panels with this option reduces the standard available interior, module mounting space for all sizes and all applicable layouts. Please follow model selection instructions carefully.

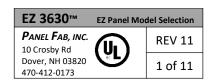
Only Horizontal and Vertical layouts are shown below. However, Option "L" is available with every size and layout in the EZ Panel product line. Feature details shown on the horizontal layout are typical except that reduced interior mounting dimensions will vary depending on what size wire duct is replaced by the solid wall duct.



Fill in the blanks to build your custom model number by selecting one Option from each Table

- o Consult pages 4 thru 11 to select the Material, Layout, Power Control, and other Options that best suit your application.
 - Example model number ... SUB-S-2420-HG-X-X-00-050-050

Table	Options	Model #	SUB	_	3630		-	_					
Туре	SUB	Subpanel Assembly								Cont'd	Cont'd	Cont'd	Cont'd
Material	P	Hoffman, A36N30MP	P, Perf, I	NEMA 1						Next	Next	Next	Next
See page 3	S	Hoffman, A36N30MP	solid, N	IEMA 1						Page	Page	Page	Page
Table 1	1	Hoffman, A36P30, inc	lustrial,	solid									
	C	Hoffman, CP3630, Co	ncept, s	olid									
Size	3630	See Page 3, Table 2 fo	r interic	r dimen	sions								
Layout	HG	Horizontal layout "H"											
See page 3	HW	Horizontal layout "H"	-										
Table 2	VG	Vertical layout "V" w/	· .										
	vw	Vertical layout "V" w/											
	DG	DIN rail layout "D" w/	0 ,										
	DW	DIN rail layout "D" w/											
	EG	Economy layout "E" v											
	EW	Economy layout "E" w	// white	Panduit	F Series	wire duct							
Approvals	X	No approval required											
	U	Meets 508A Standard	for UL I	isted Op	en Cont	rol Panel							
Options	X	No option selected											
See page 4	A	3 amp DIN rail mount											
	В	5 amp DIN rail mount											
	С	10 amp DIN rail mour											
	D	· ·	mp fuse holder terminal substituted for terminal "L" w/ Buss fast-blo fuse										
	E		amp fuse holder terminal substituted for terminal "L" w/ Buss fast-blo fuse										
	F	10 amp fuse holder to											
	G	Switching terminal blo											
	н	Finger-safe terminal b		-		•		• •					
	1	10 extra terminals mo					-						
	J	20 extra terminals mo					•	,					
	K	40 extra terminals mo					-						
	L	Solid wall wire duct to											
	M	2x4 box w/ 2 gang Ca		•	-	•	-						
	N	2x4 box w/ 4 gang Ca		-	-	– ships loose	w/ sci	rews					
	0	5ft Cat5E cable, male,											
Power Control	XX	No factory mounted o				•							
See pages 5 & 6	DS	Used for SW-1, 15 am	-		_	•							
	DD	Used for SW-1, 15 am	-		-								
	FD	Used for SW-1, 10 am	•			•							
	DL	Used for SW-1, 15 am	•		•	•	cator	light, 10 amp fus	se w/ 4x4 box				
Control Power	000	No factory mounted t				ply required							
Transformers	040	Labeled TX-1, TR40VA				,							ĺ
& Pwr Supplies	050	Labeled TX-1, TR50VA											1
See page 7	075	Labeled TX-1, TR75VA		-	-	-							1
	100	Labeled TX-1, TR100V	•	-									ĺ
Country	D40	Labeled TX-1, TR40VA		-	-	-					Constal	Constan	Constant
Cont'd	D50	Labeled TX-1, TR50VA									Cont'd	Cont'd	Cont'd
Next	D75	Labeled TX-1, TR75VA		-	-	-					Next	Next	Next
Page	D10	Labeled TX-1, TR100V	A001, 1	UUVA, 12	20x24VA	C, w/ circuit br	eake	r, DUAL HUB			Page	Page	Page



continued

		Imber SUB-S-2420-HG-X-X-00-050-050								
Table	Options	Model # SUB - 3630								
			Cont'd	Cont'o						
Control Power	F04*	TX-1, PSH40AB10-IC, power supply, 120x24VAC, 40VA, w/ breaker & outlet, UL508A	Next	Next						
Transformers	F44*	TX-1/2, PSH40A40AB10-IC, dual power supply, 120x24VAC, (2) 40VA, w/ breaker & outlet, UL508A	Page	Page						
& Pwr Supplies	F47**	TX-1/2, PSH40A75AB10, dual power supply, 120x24VAC, 40VA/75VA, w/ breaker & outlet	H40A75AB10, dual power supply, 120x24VAC, 40VA/75VA, w/ breaker & outlet							
See page 7	F41*	H40A100AB10-IC, dual power supply, 120x24VAC, 40VA/100VA, w/ breaker & outlet, UL508A								
	F07**	TX-1, PSH75AB10, power supply, 120x24VAC, 75VA, w/ breaker & outlet								
	F77**	TX-1/2, PSH75A75AB10, dual power supply, 120x24VAC, (2) 75VA, w/ breaker & outlet								
	F71**	TX-1/2, PSH75A100AB10, dual power supply, 120x24VAC, 75VA/100VA, w/ breaker & outlet								
	F01*	TX-1, PSH100AB10-IC, power supply, 120x24VAC, 100VA, w/ breaker & outlet, UL508A								
	F11*	TX-1/2, PSH100A100AB10-IC, dual power supply, 120x24VAC, (2) 100VA, w/ breaker & outlet, UL508A								
	123	C-1, HDR-30-24, 24 vdc power supply, 120VAC input, 30 watt, DIN mounted								
	126	Labeled DC-1, HDR-60-24, 24 vdc power supply, 120VAC input, 60 watt, DIN mounted								
	122	Labeled DC-1, DRC100US24, 24 vdc power supply, 120VAC input, 100 watt, DIN mounted								
	I21	eled DC-1, NDR-120-24, 24 vdc power supply, 120VAC input, 120 watt, DIN mounted								
Field or	000	No factory mounted transformer or power supply required	, , , , , , , , , , , , , , , , , , , ,							
Auxiliary	040	Labeled TX-2, TR40VA001, 40VA, 120x24VAC	ed TX-2, TR40VA001, 40VA, 120x24VAC							
Power	050	Labeled TX-2, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker								
Transformers	075	Labeled TX-2, TR75VA001, 75VA, 120x24VAC, w/ circuit breaker								
& Pwr Supplies	100	Labeled TX-2, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker								
See page 7	D40	Labeled TX-2, TR40VA001, 40VA, 120x24VAC, w/ circuit breaker, DUAL HUB								
	D50	Labeled TX-2, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker, DUAL HUB								
	D75	Labeled TX-2, TR75VA001, 75VA, 120x24VAC, w/ circuit breaker, DUAL HUB								
	D10	Labeled TX-2, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker, DUAL HUB								
	F04*	TX-2, PSH40AB10-IC, power supply, 120x24VAC, 40VA, w/ breaker & outlet, UL508A								
	F44*	TX-2/3, PSH40A40AB10-IC, dual power supply, 120x24VAC, (2) 40VA, w/ breaker & outlet, UL508A								
	F47**	TX-2/3, PSH40A75AB10, dual power supply, 120x24VAC, 40VA/75VA, w/ breaker & outlet								
	F41*	TX-2/3, PSH40A100AB10-IC, dual power supply, 120x24VAC, 40VA/100VA, w/ breaker & outlet, UL508A								
	F07**	TX-2, PSH75AB10, power supply, 120x24VAC, 75VA, w/ breaker & outlet								
	F77**	TX-2/3, PSH75A75AB10, dual power supply, 120x24VAC, (2) 75VA, w/ breaker & outlet								
	F01*	TX-2, PSH100AB10-IC, power supply, 120x24VAC, 100VA, w/ breaker & outlet, UL508A								
	F11*	TX-2/3, PSH100A100AB10-IC, dual power supply, 120x24VAC, (2) 100VA, w/ breaker & outlet, UL508A								
	123	Labeled DC-2, HDR-30-24, 24 vdc power supply, 120VAC input, 30 watt, DIN mounted								
	126	Labeled DC-2, HDR-60-24, 24 vdc power supply, 120VAC input, 60 watt, DIN mounted	Cont'd	Cont'd						
	122	Labeled DC-2, DRC100US24, 24 vdc power supply, 120VAC input, 100 watt, DIN mounted	Next	Next						
	121	Labeled DC-2, NDR-120-24, 24 vdc power supply, 120VAC input, 120 watt, DIN mounted	Page	Page						

* Option is not available if separate Power Control was selected

** Option is not available if separate Power Control was selected OR UL Listing is required

Notes

continued

		mber SUB-S-242											
Table	Options	Model #	SUB -	3630			- -				-		
Field or	000	No factory mounto	d transformer	or nower su	innly roo	uirod							
Auxiliary	040	•	y mounted transformer or power supply required X-3, TR40VA001, 40VA, 120x24VAC										
•	050	,											
Power Transformers	030	,	TX-3, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker										
& Pwr Supplies	100		TX-3, TR75VA001, 75VA, 120x24VAC, w/ circuit breaker										
• •	D40	,	TX-3, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker TX-3, TR40VA001, 40VA, 120x24VAC, w/ circuit breaker, DUAL HUB										
See page 7	D50	Labeled TX-3, TR50					,						
	D75	Labeled TX-3, TR75											
	D10	Labeled TX-3, TR10					,						
	123	,	abeled DC-3, HDR-30-24, 24 vdc power supply, 120VAC input, 30 watt, DIN mounted										
	126		abeled DC-3, HDR-60-24, 24 vdc power supply, 120VAC input, 60 watt, DIN mounted										
	122	Labeled DC-3, DRC1	· · · · · · · · · · · · · · · · · · ·		• •	•		-					
	121	Labeled DC-3, NDR-	-	•									
Field or	000	No factory mounte							•				
Auxiliary	040	Labeled TX-4, TR40		•	,								
Power	050	Labeled TX-4, TR50				uit break	er						
Transformers	075	Labeled TX-4, TR75	VA001, 75VA,	120x24VAC	, w/ circı	uit break	er						
& Pwr Supplies	100	Labeled TX-4, TR10	0VA001, 100V	A, 120x24V	4C, w/ ci	rcuit bre	aker						
See page 7	D40	Labeled TX-4, TR40	VA001, 40VA,	120x24VAC	, w/ circı	uit break	er, Dl	UAL H	UB				
acc bage ,	D50	Labeled TX-4, TR50	VA001, 50VA,	120x24VAC	, w/ circı	uit break	er, Dl	UAL H	UB				
	D75	Labeled TX-4, TR75	VA001, 75VA,	120x24VAC	, w/ circı	uit break	er, Dl	UAL H	UB				
	D10	Labeled TX-4, TR10	0VA001, 100V	A, 120x24V	4C, w/ ci	rcuit bre	aker,	, DUAL	LHUB				
	123	Labeled DC-4, HDR-	30-24, 24 vdc	power supp	ly, 120V	'AC input	, 30 v	watt, [DIN mou	nted			
	126	Labeled DC-4, HDR-	60-24, 24 vdc	power supp	ly, 120V	'AC input	, 60 v	watt, [DIN mou	nted			
	122	Labeled DC-4, DRC1	.00US24, 24 vo	dc power su	pply, 12	0VAC inp	ut, 10	00 wa	tt, DIN r	nounted			
	121	Labeled DC-4, NDR-	120-24, 24 vd	c power sup	ply, 120	VAC inpu	ıt, 12	0 wat	t, DIN m	ounted			

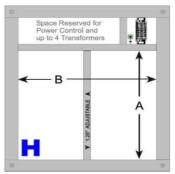
Subpanel Material and Layout Options

New Standard Feature

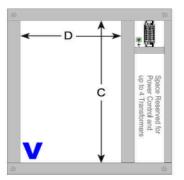
"H" Layout now includes vertical section of wire duct shipped loose w/ mounting screws.

Provides greater flexibility and neater wiring for field installed components.

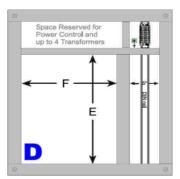
Option



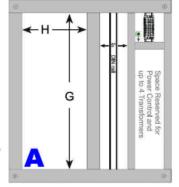
36 x 30 Horizontal Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct



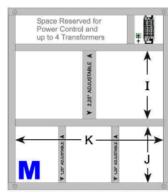
36 x 30 Vertical Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct



36 x 30 DIN Rail Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct



36 x 30 Alternate DIN Rail Layout 2.25" x 3" and 1.25" x 3" Wire Duct



36 x 30 Multi-Configurable Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct



INSTRUCTIONS: Use Table 1 to select a subpanel that is compatible with your enclosure and NEMA rating. Insert the blue letter for Material Selection in the first highlighted field. Use the interior mounting dimensions in Table 2 to determine which Layout Configuration provides ample space to field mount and wire your components. Choose the blue letter for the appropriate layout drawing and insert this as the first character in the second highlighted field. The second character in this field will indicate wire duct color... "G" for grey or "W" for white.

Table	Options	Model #	SUB	, –	3630		_ -	_ _				
Material Selection from Table 1						^	\ Li	ayout C	onfig from	Table 2 and Wi	re Duct Color	

Table 1

Material Selection	Brand	Material	Color	Mfr Part #	Fits Enclosure	NEMA Rating
Р	Hoffman	Perforated	grey	A36N30MPP	A36N30xxx	1
S	Hoffman	Solid	white	A36N30MP	A36N30xxx	1
I	Hoffman	Solid	white	A36P30	Consult Hoffman	3R, 4, 12/13
С	Hoffman	solid	white	CP3630	CSD3630xx	4, 12

		Interior Mounting Dimensions in Inches									
Table 2	H – Ho	H – Horizontal V – Vertical		D – Din Rail Layout A		A – Alt.	A – Alt. DIN Rail		M – Multi-Configurable		
Material Selection	Α	В	С	D	E	F	G	Н	1	J	K
Р	21 -1/4 "	24"	27 -1/2"	17 -3/4 "	21 -1/4"	17 -3/4"	27 -1/2 "	11 -1/2 "	12"	10"	26"
S	21 -1/4 "	24"	27 -1/2"	17 -3/4 "	21 -1/4"	17 -3/4"	27 -1/2 "	11 -1/2 "	12"	10"	26"
I	22 -1/4 "	25"	28 -1/2"	16 -1/4 "	22 -1/4"	16 -1/4"	28 -1/2 "	10 "	12 -1/2"	10 -1/2"	24 -1/2"
С	23 -3/8 "	23 -5/8"	29 -5/8"	17 -3/8 "	23 -3/8"	17 -3/8"	29 -5/8 "	11 -1/8"	12 "	12"	25 -5/8"

EZ 3630™	EZ Panel Model Selection					
PANEL FAB, INC. 10 Crosby Rd		REV 11				
Dover, NH 03820 470-412-0173	(AL)	4 of 11				

Options

Table Options Model# **SUB** 3630

Select (1) Option and insert the letter to fill in the highlighted field / of the EZ Panel model number

MODEL SELECTION NOTES

Note 1: Insert the letter "X" in this field of the EZ Panel model number if no Option is required.

Note 2: All Options are available individually. If more than (1) Option is required, simply order the additional Options

using the prefix "EZ-".

Example: If your panel requires a 10 amp circuit breaker... capability to isolate the 24VAC circuits... and (20) extra terminal blocks... you would order (3) items as follows:

SUB - P - 3630 - HG - X - C - DS -100 - 100 - 100 - 100

EZ - G

EZ - J

Photo Shown as typical for panels having (2) transformers Note 3:

3 AMP Breaker

3 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

3 AMP Fuse Holder

3 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

Isolate 24VAC Circuit

Switching terminal block substituted for each 24VAC hot terminal block







*See Note 3

5 AMP Breaker

5 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

5 AMP Fuse Holder

5 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

Terminal Cover

Transparent finger-safe terminal block cover. Threaded nylon nuts must be removed to access terminal block.



10 AMP Breaker

10 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

10 AMP Fuse Holder

10 amp fuse holder terminal with fast-blo fuse substituted for terminal



*See Note 3

Continued on next page

EZ 3630™ **EZ Panel Model Selection** PANEL FAB, INC. **REV 11** 10 Crosby Rd Dover, NH 03820 5 of 11 470-412-0173

Options (Continued)

10 Extra Terminals

10 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

Isolated 120VAC

Solid wall wire duct to isolate line voltage terminal blocks and all 120VAC circuits. See Supplementary Spec "L" on page...



*See Note 3

Cat5E Cable

5ft Cat5E, male/male cable shipped loose.



*See Note 3

20 Extra Terminals

20 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

2 Gang Cat5E

Two gang plastic cover plate with (2) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*See Note 3

40 Extra Terminals

40 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



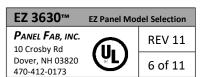
*See Note 3

4 Gang Cat5E

Four gang plastic cover plate with (4) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



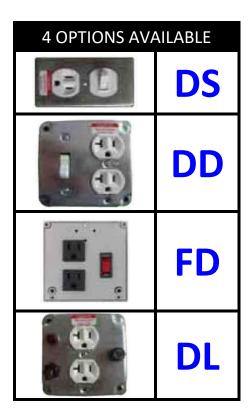
*See Note 3

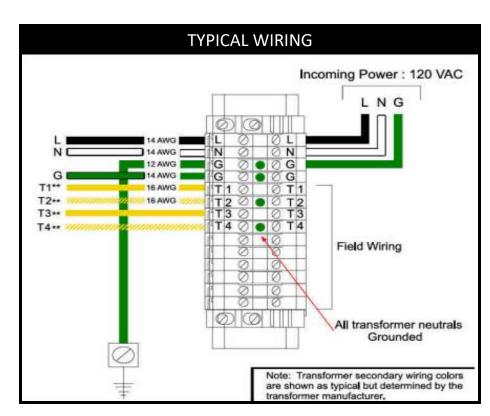


Power Control Options



Select (1) Option and insert the letters to fill in the highlighted field of the EZ Panel model number





		TERMINAL	ASSEMBLY
Show	wn for (2) transforr	ners	
	Bill of Materials		
COMPONENT	MANUFACTURER	PART NO.	CONTROL OF THE PARTY OF THE PAR
Terminal Block	Entrelec	11511607	C. INCHASE OF THE PARTY OF THE
End Plate	Entrelec	11836816	
End Stop	Entrelec	20635116	THE RESERVE OF THE PARTY OF THE
Marking Cards	Entrelec	23300001	
Jumper Bar	Entrelec	17478420	
Jumper Post	Entrelec	16860416	CAS
Ground Lug	Thomas & Betts	L70	

Power Control Options, Cont'd

MODEL SELECTION NOTES



Power control (SW-1) is optional

If no Power Control is selected, insert the letters XX in the highlighted field of the EZ Panel Model Number.

If no Power Control is selected, but factory mounted transformers are still required; transformers will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

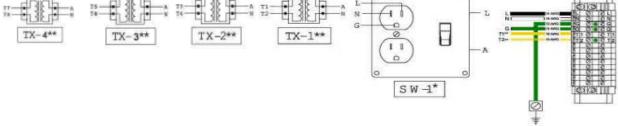
Inserting XX in this field is mandatory if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers. See below for related wiring schematics.



* Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

Power Control Option 15 amps 2 x 4 steel box w/ cover SW-1* **Power Control Option** 15 amps 4 x 4 steel box w/ cover



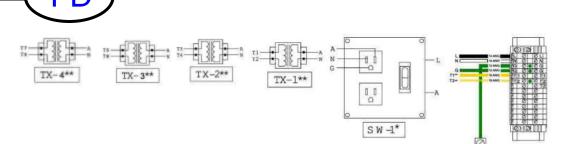
Power Control Option

Functional Devices p/n: PSPT2RB10

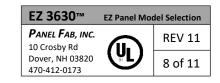
10 amps

4 x 4 plastic box w/ cover

Internal jumper allows receptacle to be continuously controlled by the switch



See next page for more Power Control Options

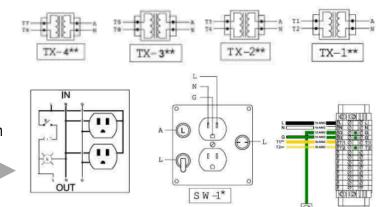


Power Control Options, Cont'd

Power Control Option

- 15 amp rated components
- 4 x 4 steel box w/ cover
- * Includes red indicator light
- * Includes fuse holder w/ 10 amp fuse

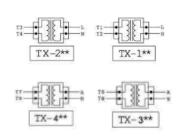
Supplemental internal wiring diagram for Power Control Option DL only

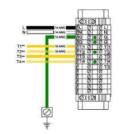


Power Control Option

Valid option is no factory installed Power Control device is required for the panel. All transformers are HOT when panel is powered.

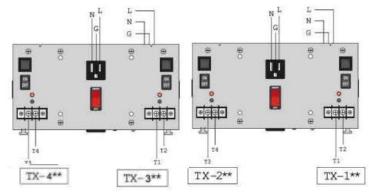


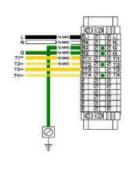




Also valid if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers.

Internal jumper allows receptacle to be continuously controlled by the switch.





Control Power Options



Select Options for up to (2) total transformers and insert the letters to fill in the highlighted fields of the EZ Panel model number

MODEL SELECTION NOTES

* Po

Power control (SW-1) from pages 7 & 8 were optional.

If no Power Control is selected, but foot mounted transformers or power supplies are still required; devices will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Due to space limitations, use of Functional Devices PSH Series Combination Power Supplies voids the option to have separate Power Controls from pages 7 & 8. If PSH Series devices are required, you should have the letters "XX" inserted for Power Control. These devices include both an integral disconnect/breaker and low voltage transformers. Together, they take the place of separate power control methods and standard foot mounted transformers. Refer to previous page for wiring schematics.

* *

Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

Functional Devices Transformers										
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	HUBS	FEATURES				
040	TR40VA001	120 VAC	24 VAC	40	1	Class 2, UL Listed w/ circuit breaker				
050	TR50VA005	120 VAC	24 VAC	50	1	Class 2, UL Listed w/ circuit breaker				
075	TR75VA001	120 VAC	24 VAC	75	1	Class 2, UL Listed w/ circuit breaker				
100	TR100VA001	120 VAC	24 VAC	100	1	Class 2, UL Listed w/ circuit breaker				
D40	TR40VA002	120 VAC	24 VAC	40	2	Class 2, UL Listed w/ circuit breaker				
D50	TR50VA009	120/208/240 VAC	24 VAC	50	2	Class 2, UL Listed w/ circuit breaker				
D75	TR75VA002	120 VAC	24 VAC	75	2	Class 2, UL Listed w/ circuit breaker				
D10	TR100VA002	120 VAC	24 VAC	100	2	Class 2. UL Listed w/ circuit breaker				





	Functional Devices Combination Power Supplies										
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	FEATURES	NOTES					
F04	PSH40AB10-IC	120 VAC	24 VAC	40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3					
F07	PSH75AB10	120 VAC	24 VAC	75	Class 2, w/ circuit breaker & receptacle	1, 2, 3					
F01	PSH100AB10-IC	120 VAC	24 VAC	100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3					
F44	PSH40A40AB10-IC	120 VAC	(2) 24 VAC	40/40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3					
F47	PSH40A75AB10	120 VAC	(2) 24 VAC	40/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3					
F41	PSH40A100AB10-IC	120 VAC	(2) 24 VAC	40/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3					
F77	PSH75A75AB10	120 VAC	(2) 24 VAC	75/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3					
F71	PSH75A100AB10	120 VAC	(2) 24 VAC	75/100	Class 2, w/ circuit breaker & receptacle	1, 2, 3					
F11	PSH100A100AB10-IC	120 VAC	(2) 24 VAC	100/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3					



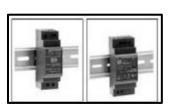


NOTE 1: Not available with separate Power Control

NOTE 2: Not available if "U" was selected for UL Listing in the Approvals field of the EZ Panel model number

NOTE~3: Availability~varies~by~panel~size.~Please~refer~to~pages~1~&~2~of~the~Model~Selection~Guide~to~confirm~compatibility~the confirm~compatibility~the compatibility~the

	MeanWell HDR/NDR Power Supplies										
EZ OPTION	PTION PART NO. INPUT OUTPUT CAPACITY FEATURES										
123	HDR-30-24	85-264 VAC	24 vdc	30W	Class 2, adjustable output, DIN mounted						
126	HDR-60-24	85-264 VAC	24 vdc	60W	Class 2, adjustable output, DIN mounted						
122	DRC100US24	85-264 VAC	24 vdc	100W	Class 2, adjustable output, DIN mounted						
I21	NDR-120-24	90-264 VAC	24 vdc	120W	Adjustable output, DIN mounted						



 PANEL FAB, INC.
 10 Crosby Rd
 REV 11

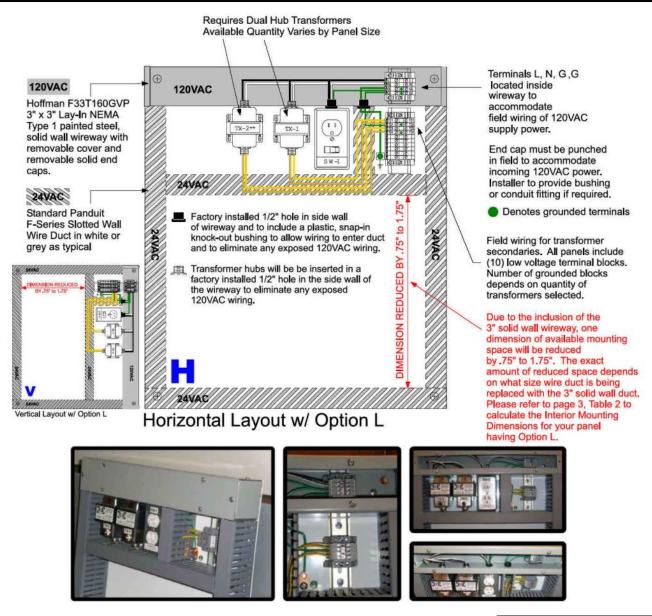
 Dover, NH 03820
 10 of 11



Option "L" Supplementary Specification

This is a supplementary specification guide and should be used in conjunction with the standard EZ Panel Model Selection Guides for each panel size offered in our product line. This document only applies to EZ Panels with "L" selected in the Options table. This design satisfies separation of circuits as well as strict panel standards which prohibit exposed 120VAC or line voltage wiring. Please note that choosing Option "L" dictates some panel choices and limits others. Specifying panels with this option reduces the standard available interior, module mounting space for all sizes and all applicable layouts. Please follow model selection instructions carefully.

Only Horizontal and Vertical layouts are shown below. However, Option "L" is available with every size and layout in the EZ Panel product line. Feature details shown on the horizontal layout are typical except that reduced interior mounting dimensions will vary depending on what size wire duct is replaced by the solid wall duct.





Fill in the blanks to build your custom model number by selecting one Option from each Table

- Consult pages 4 thru 11 to select the Material, Layout, Power Control, and other Options that best suit your application.
- o Example model number ... SUB-S-2420-HG-X-X-00-050-050

Table	Options	Model #	SUB	_	4230		_	_					
Туре	SUB	Subpanel Assembly								Cont'd	Cont'd	Cont'd	Cont'd
Material	1	Hoffman, A42P30, ind	ustrial, soli	d						Next	Next	Next	Next
See page 3	С	Hoffman, CP4230, Co	ncept, solid							Page	Page	Page	Page
Table 1													
Size	4230	See Page 3, Table 2 fo	r interior d	imens	sions								
Layout	HG	Horizontal layout "H"	w/ grey Pa	nduit	F Series	wire duct							
See page 3	HW	Horizontal layout "H"	w/ white P	andui	it F Serie	s wire duct							
Table 2	VG	Vertical layout "V" w/	grey Pandı	uit F S	Series wii	re duct							
	vw	Vertical layout "V" w/											
	DG	DIN rail layout "D" w/	• .										
	DW	DIN rail layout "D" w/											
	EG	Economy layout "E" w											
	EW	Economy layout "E" w	// white Pa	nduit	F Series	wire duct							
Approvals	X	No approval required											
	U	Meets 508A Standard	for UL Liste	ed Op	en Conti	rol Panel		_					
Options	X	No option selected											
See page 4	A	3 amp DIN rail mount											
	В	5 amp DIN rail mount											
	С	10 amp DIN rail moun											
	D	3 amp fuse holder ter											
	E F	5 amp fuse holder ter				-							
	G	10 amp fuse holder te Switching terminal blo				-							
	Н	Finger-safe terminal b											
	ï	10 extra terminals mo				•		• • •					
	;	20 extra terminals mo					-						
	K	40 extra terminals mo											
	Ľ	Solid wall wire duct to											
	M	2x4 box w/ 2 gang Cat											
	N	2x4 box w/ 4 gang Cat	•		-	•	-						
	0	5ft Cat5E cable, male,	-		-		.,						
Power Control	XX	No factory mounted of				required							
See pages 5 & 6	DS	Used for SW-1, 15 am			•	•	4 box						
occ pubes 5 & 0	DD	Used for SW-1, 15 am	•		_	•							
	FD	Used for SW-1, 10 am	•										
	DL	Used for SW-1, 15 am	p disconne	ct & c	duplex re	ceptacle, indi	<u>cat</u> or	light, 10 amp fu	se w/ 4x4 box]			
Control Power	000	No factory mounted t	ransformer	or po	ower sup	ply required				_			
Transformers	040	Labeled TX-1, TR40VA	.001, 40VA,	120x	24VAC								
& Pwr Supplies	050	Labeled TX-1, TR50VA	.001, 50VA,	120x	24VAC, \	w/ circuit brea	ker						
See page 7	075	Labeled TX-1, TR75VA				-							
' -	100	Labeled TX-1, TR100V	-										
	D40	Labeled TX-1, TR40VA	.001, 40VA,	120x	24VAC, \	w/ circuit brea	ker, [DUAL HUB					
Cont'd	D50	Labeled TX-1, TR50VA				-					6	6	6
Next	D75	Labeled TX-1, TR75VA			-	-	-				Cont'd	Cont'd	Cont'd
Page	D10	Labeled TX-1, TR100V	A001, 100\	/A, 12	0x24VA	C, w/ circuit br	eake	r, DUAL HUB			Next	Next	Next
L		L									Page	Page	Page

continued

		ımber SUB-S-2420		, ,	•	201111101	, and oth		C P (1011	ns that best suit your application			
Table	Options	Model #	SUB	_	4230			-					
			l									Cont'd	Cont'd
Control Power	F04*	TX-1, PSH40AB10-IC	. power	lagus	v. 120x24V	AC. 40V	A. w/ bre	aker	r & out	utlet. UL508A		Next	Next
Transformers	F44*	1			• •					breaker & outlet, UL508A		Page	Page
& Pwr Supplies	F47**	TX-1/2, PSH40A75A	-			• •		•				_	_
See page 7	F41*		-	•			-	-		/A, w/ breaker & outlet, UL508A			
See page /	F07**	TX-1, PSH75AB10, p	ower su	pply,	120x24VAC	, 75VA, \	w/ break	er &	outlet				
	F77**	TX-1/2, PSH75A75A	B10, dua	l pow	er supply, 1	120x24V	AC, (2) 7	5VA	, w/ br	eaker & outlet			
	F71**	TX-1/2, PSH75A100	AB10, dι	ial po	wer supply,	120x24	VAC, 75\	/A/1	00VA,	w/ breaker & outlet			
	F01*	TX-1, PSH100AB10-	C, powe	r sup	oly, 120x24	VAC, 100)VA, w/ I	oreal	ker & c	outlet, UL508A			
	F11*	TX-1/2, PSH100A10	0AB10-I0	C, dua	l power sup	ply, 120	x24VAC	(2)	100VA	, w/ breaker & outlet, UL508A			
	123	Labeled DC-1, HDR-	30-24, 2	4 vdc	power supp	oly, 120\	AC inpu	t, 30	watt,	DIN mounted			
	126	Labeled DC-1, HDR-	60-24, 2	4 vdc	power supp	oly, 120\	AC inpu	t, 60	watt,	DIN mounted			
	122	Labeled DC-1, DRC1	eled DC-1, DRC100US24, 24 vdc power supply, 120VAC input, 100 watt, DIN mounted										
	I21	Labeled DC-1, NDR-	120-24,	24 vd	c power sup	ply, 120	VAC inp	ut, 1	20 wat	tt, DIN mounted			
Field or	000	No factory mounted	l transfo	rmer	or power si	upply red	quired						
Auxiliary	040	Labeled TX-2, TR40\	/A001, 4	OVA,	120x24VAC								
Power	050	Labeled TX-2, TR50\	/A001, 5	OVA,	120x24VAC	, w/ circ	uit break	er					
Transformers	075	Labeled TX-2, TR75\	/A001, 7	5VA,	120x24VAC	, w/ circ	uit break	er					
& Pwr Supplies	100	Labeled TX-2, TR100	VA001,	100V	A, 120x24V	AC, w/ c	ircuit bre	eakei	r				
See page 7	D40	Labeled TX-2, TR40\	/A001, 4	OVA,	120x24VAC	, w/ circ	uit break	er, D	DUAL H	HUB			
	D50	Labeled TX-2, TR50\	/A001, 5	OVA,	120x24VAC	, w/ circ	uit break	er, D	DUAL H	HUB			
	D75	Labeled TX-2, TR75\	/A001, 7	5VA,	120x24VAC	, w/ circ	uit break	er, D	DUAL H	HUB			
	D10	Labeled TX-2, TR100	VA001,	100V	4, 120x24V	AC, w/ c	ircuit bre	eakei	r, DUA	L HUB			
	F04*	TX-2, PSH40AB10-IC	, power	suppl	y, 120x24V	AC, 40V	A, w/ bre	eaker	r & out	tlet, UL508A			
	F44*	TX-2/3, PSH40A40A	B10-IC, 0	dual p	ower suppl	y, 120x2	4VAC, (2	40)	VA, w/	breaker & outlet, UL508A			
	F47**	TX-2/3, PSH40A75A	B10, dua	al pow	er supply, :	120x24V	AC, 40V	4/75	VA, w/	/ breaker & outlet			
	F41*	TX-2/3, PSH40A100	AB10-IC,	dual	power supp	oly, 120x	24VAC,	40VA	\/100V	/A, w/ breaker & outlet, UL508A			
	F07**	TX-2, PSH75AB10, p	ower su	pply, :	120x24VAC	, 75VA, v	w/ break	er &	outlet	:			
	F77**	TX-2/3, PSH75A75A	B10, dua	al pow	er supply, :	120x24V	AC, (2) 7	SVA	, w/ br	eaker & outlet			
	F01*	TX-2, PSH100AB10-			• •								
	F11*									, w/ breaker & outlet, UL508A			
	123	Labeled DC-2, HDR-	30-24, 2	4 vdc	power supp	oly, 120\	AC inpu	t, 30	watt,	DIN mounted			
	126	Labeled DC-2, HDR-	60-24, 2	4 vdc	power supp	oly, 120\	AC inpu	t, 60	watt,	DIN mounted		Cont'd	Cont'c
	122	Labeled DC-2, DRC1	00US24,	24 vo	dc power su	ipply, 12	OVAC in	out, :	100 wa	att, DIN mounted		Next	Next
	I21	Labeled DC-2, NDR-	120-24,	24 vd	c power sup	ply, 120	VAC inp	ut, 1	20 wat	tt, DIN mounted		Page	Page

* Option is not available if separate Power Control was selected

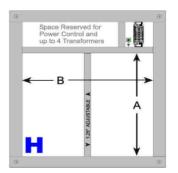
** Option is not available if separate Power Control was selected OR UL Listing is required

Notes

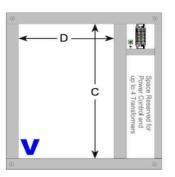
continued

		mber SUB-S-2420												
Table	Options	Model #	SUB _	4230						-				
Field or	000	No factory mounted	l transformor	or nower si	innly roc	uirod								
Auxiliary	040	Labeled TX-3, TR40		•		luireu								
Power	050	Labeled TX-3, TR50	, ,			uit brook	or							
Transformers	075	Labeled TX-3, TR75	, ,											
& Pwr Supplies	100	Labeled TX-3, TR100												
• •	D40	Labeled TX-3, TR40		•	, ,			ΙΔΙ Η	LIR					
See page 7	D50	· · · · · · · · · · · · · · · · · · ·	, ,				,							
	D75		peled TX-3, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker, DUAL HUB peled TX-3, TR75VA001, 75VA, 120x24VAC, w/ circuit breaker, DUAL HUB											
	D10	,	abeled TX-3, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker, DUAL HUB											
	123	Labeled DC-3, HDR-	abeled DC-3, HDR-30-24, 24 vdc power supply, 120VAC input, 30 watt, DIN mounted											
	126	Labeled DC-3, HDR-	abeled DC-3, HDR-60-24, 24 vdc power supply, 120VAC input, 60 watt, DIN mounted											
	122	Labeled DC-3, DRC1	00US24, 24 vo	dc power su	pply, 12	OVAC inp	ut, 10	00 wa	tt, DIN r	nounte	ed			
	121	Labeled DC-3, NDR-	120-24, 24 vd	c power sup	ply, 120	VAC inpu	ıt, 120	0 wat	t, DIN m	ounted	d			
Field or	000	No factory mounted	transformer	or power su	ipply red	uired								_
Auxiliary	040	Labeled TX-4, TR40	/A001, 40VA,	120x24VAC										
Power	050	Labeled TX-4, TR50	/A001, 50VA,	120x24VAC	, w/ circ	uit break	er							
Transformers	075	Labeled TX-4, TR75	/A001, 75VA,	120x24VAC	, w/ circ	uit break	er							
& Pwr Supplies	100	Labeled TX-4, TR100	•	•										
See page 7	D40	Labeled TX-4, TR40	/A001, 40VA,	120x24VAC	, w/ circ	uit break	er, Dl	JAL H	UB					
	D50	Labeled TX-4, TR50			•		,							
	D75	Labeled TX-4, TR75	/A001, 75VA,	120x24VAC	, w/ circ	uit break	er, DL	JAL H	UB					
	D10	Labeled TX-4, TR100	•	•	, ,		,							
	123	Labeled DC-4, HDR-	•		,,		•	,						
	126	Labeled DC-4, HDR-60-24, 24 vdc power supply, 120VAC input, 60 watt, DIN mounted Labeled DC-4, DRC100US24, 24 vdc power supply, 120VAC input, 100 watt, DIN mounted												
	122	· ·		•			-							
	I21	Labeled DC-4, NDR-	120-24, 24 vd	c power sup	ply, 120	VAC inpu	ıt, 120	0 wat	t, DIN m	ounted	t			

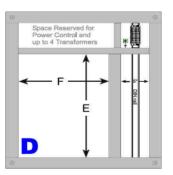
Subpanel Material and Layout Options



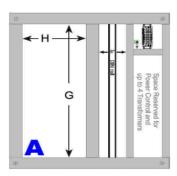
42 x 30 Horizontal Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct



42 x 30 Vertical Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct



42 x 30 DIN Rail Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct



42 x 30 Alternate DIN Rail Layout 2.25" x 3" and 1.25" x 3" Wire Duct



New Standard Feature

"H" Layout now includes vertical section of wire duct shipped loose w/ mounting screws.

Provides greater flexibility and neater wiring for field installed components. INSTRUCTIONS: Use Table 1 to select a subpanel that is compatible with your enclosure and NEMA rating. Insert the blue letter for Material Selection in the first highlighted field. Use the interior mounting dimensions in Table 2 to determine which Layout Configuration provides ample space to field mount and wire your components. Choose the blue letter for the appropriate layout drawing and insert this as the first character in the second highlighted field. The second character in this field will indicate wire duct color... "G" for grey or "W" for white.

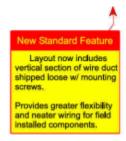


Table	Options	Model#	SUB	_	4230	_	_	_	_				 	ı
Material Selection from Table 1						•	\ L	ayou	t Con	fig from Ta	ble 2 and Wire	Duct Color		-

Table 1

Material Selection	Brand	Material	Color	Mfr Part #	Fits Enclosure	NEMA Rating
I	Hoffman	Solid	white	A42P30	Consult Hoffman	3R, 4, 12/13
С	Hoffman	solid	white	CP4230	CSD4230xx	4, 12

		Interior Mounting Dimensions in Inches									
Table 2	H – Horizoi	ntal Layout	V – Vertic	cal Layout	D – DIN R	ail Layout	A – Alt. DIN Rail Layout				
Material Selection	А	В	С	D	Е	F	G	Н			
1	28 -1/4 "	22 -1/2"	34 -1/2"	16 -1/4 "	28 -1/4 "	15 -3/4 "	34 -1/2"	11"			
С	29 -3/8 "	23 -5/8"	35 -5/8"	17 -3/8 "	29 -3/8 "	16 -7/8"	35 -5/8 "	18"			

EZ 4230™	EZ Panel Mod	del Selection
PANEL FAB, INC. 10 Crosby Rd		REV 11
Dover, NH 03820 470-412-0173		4 of 11

Options

Table Options Model# **SUB** 4230

Select (1) Option and insert the letter to fill in the highlighted field / of the EZ Panel model number

MODEL SELECTION NOTES

Note 1: Insert the letter "X" in this field of the EZ Panel model number if no Option is required.

Note 2: All Options are available individually. If more than (1) Option is required, simply order the additional Options using the prefix "EZ-".

Example: If your panel requires a 10 amp circuit breaker... capability to isolate the 24VAC circuits... and (20) extra terminal blocks... you would order (3) items as follows:

SUB - P - 4230 - HG - X - C - DS -100 - 100 - 100 - 100

EZ - G

EZ - J

Photo Shown as typical for panels having (2) transformers Note 3:

3 AMP Breaker

3 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

3 AMP Fuse Holder

3 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

Isolate 24VAC Circuit

Switching terminal block substituted for each 24VAC hot terminal block





5 AMP Breaker

5 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

5 AMP Fuse Holder

5 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

Terminal Cover

Transparent finger-safe terminal block cover. Threaded nylon nuts must be removed to access terminal block.



10 AMP Breaker

10 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

10 AMP Fuse Holder

10 amp fuse holder terminal with fast-blo fuse substituted for terminal



*See Note 3

Continued on next page

EZ 4230™

EZ Panel Model Selection

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Options (Continued)

10 Extra Terminals

10 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

Isolated 120VAC

Solid wall wire duct to isolate line voltage terminal blocks and all 120VAC circuits. See Supplementary Spec "L" on page...



*See Note 3

Cat5E Cable

5ft Cat5E, male/male cable shipped loose.



*See Note 3

20 Extra Terminals

20 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

2 Gang Cat5E

Two gang plastic cover plate with (2) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*See Note 3

40 Extra Terminals

40 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



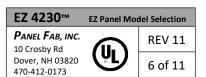
*See Note 3

4 Gang Cat5E

Four gang plastic cover plate with (4) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*Soo Noto 2

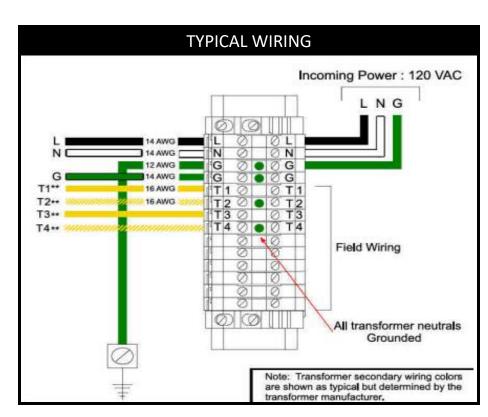


Power Control Options



Select (1) Option and insert the letters to fill in the highlighted field of the EZ Panel model number





		TERMINAL	ASSEMBLY
Show	wn for (2) transfor	ners	
	Bill of Materials		The state of the s
COMPONENT	MANUFACTURER	PART NO.	CONTROL OF THE PARTY OF THE PAR
Terminal Block	Entrelec	11511607	C. C
End Plate	Entrelec	11836816	
End Stop	Entrelec	20635116	THE RESERVE OF THE PARTY OF THE
Marking Cards	Entrelec	23300001	
Jumper Bar	Entrelec	17478420	
Jumper Post	Entrelec	16860416	CAG
Ground Lug	Thomas & Betts	L70	

Power Control Options, Cont'd

MODEL SELECTION NOTES



Power control (SW-1) is optional

If no Power Control is selected, insert the letters XX in the highlighted field of the EZ Panel Model Number.

If no Power Control is selected, but factory mounted transformers are still required; transformers will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Inserting XX in this field is mandatory if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers. See below for related wiring schematics.



* Transformers (TX-#) are optional

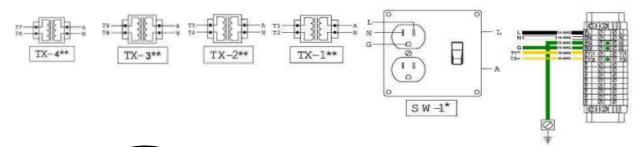
Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

Power Control Option 15 amps 2 x 4 steel box w/ cover SW-1*

Power Control Option



4 x 4 steel box w/ cover



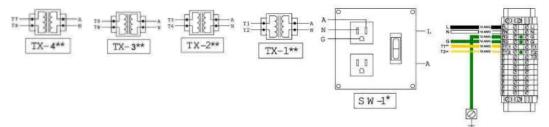
Power Control Option

Functional Devices p/n: PSPT2RB10

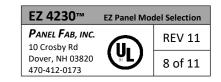
10 amps

4 x 4 plastic box w/ cover

Internal jumper allows receptacle to be continuously controlled by the switch



See next page for more Power Control Options

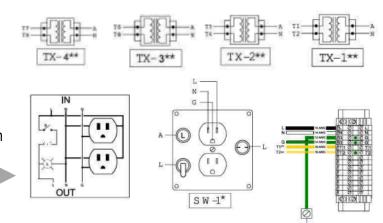


Power Control Options, Cont'd

Power Control Option

- 15 amp rated components
- 4 x 4 steel box w/ cover
- * Includes red indicator light
- * Includes fuse holder w/ 10 amp fuse

Supplemental internal wiring diagram for Power Control Option DL only



Power Control Option

Valid option is no factory installed Power Control device is required for the panel. All transformers are HOT when panel is powered.

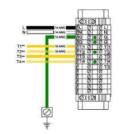


TX-2**

TX-1**

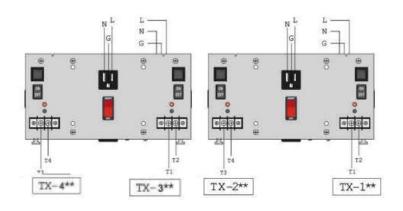
TX-4**

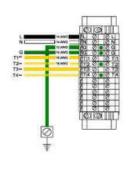
TX-3**



Also valid if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers.

Internal jumper allows receptacle to be continuously controlled by the switch.





Control Power Options



Select Options for up to (2) total transformers and insert the letters to fill in the highlighted fields of the EZ Panel model number

MODEL SELECTION NOTES

* Po

Power control (SW-1) from pages 7 & 8 were optional.

If no Power Control is selected, but foot mounted transformers or power supplies are still required; devices will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Due to space limitations, use of Functional Devices PSH Series Combination Power Supplies voids the option to have separate Power Controls from pages 7 & 8. If PSH Series devices are required, you should have the letters "XX" inserted for Power Control. These devices include both an integral disconnect/breaker and low voltage transformers. Together, they take the place of separate power control methods and standard foot mounted transformers. Refer to previous page for wiring schematics.

* *

Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

Functional Devices Transformers										
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	HUBS	FEATURES				
040	TR40VA001	120 VAC	24 VAC	40	1	Class 2, UL Listed w/ circuit breaker				
050	TR50VA005	120 VAC	24 VAC	50	1	Class 2, UL Listed w/ circuit breaker				
075	TR75VA001	120 VAC	24 VAC	75	1	Class 2, UL Listed w/ circuit breaker				
100	TR100VA001	120 VAC	24 VAC	100	1	Class 2, UL Listed w/ circuit breaker				
D40	TR40VA002	120 VAC	24 VAC	40	2	Class 2, UL Listed w/ circuit breaker				
D50	TR50VA009	120/208/240 VAC	24 VAC	50	2	Class 2, UL Listed w/ circuit breaker				
D75	TR75VA002	120 VAC	24 VAC	75	2	Class 2, UL Listed w/ circuit breaker				
D10	TR100VA002	120 VAC	24 VAC	100	2	Class 2. UL Listed w/ circuit breaker				





	Functional Devices Combination Power Supplies											
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	FEATURES	NOTES						
F04	PSH40AB10-IC	120 VAC	24 VAC	40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3						
F07	PSH75AB10	120 VAC	24 VAC	75	Class 2, w/ circuit breaker & receptacle	1, 2, 3						
F01	PSH100AB10-IC	120 VAC	24 VAC	100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3						
F44	PSH40A40AB10-IC	120 VAC	(2) 24 VAC	40/40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3						
F47	PSH40A75AB10	120 VAC	(2) 24 VAC	40/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3						
F41	PSH40A100AB10-IC	120 VAC	(2) 24 VAC	40/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3						
F77	PSH75A75AB10	120 VAC	(2) 24 VAC	75/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3						
F71	PSH75A100AB10	120 VAC	(2) 24 VAC	75/100	Class 2, w/ circuit breaker & receptacle	1, 2, 3						
F11	PSH100A100AB10-IC	120 VAC	(2) 24 VAC	100/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3						



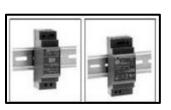


NOTE 1: Not available with separate Power Control

NOTE 2: Not available if "U" was selected for UL Listing in the Approvals field of the EZ Panel model number

NOTE 3: Availability varies by panel size. Please refer to pages 1 & 2 of the Model Selection Guide to confirm compatibility

	MeanWell HDR/NDR Power Supplies										
EZ OPTION	OPTION PART NO. INPUT OUTPUT CAPACITY FEATURES										
123	HDR-30-24	85-264 VAC	24 vdc	30W	Class 2, adjustable output, DIN mounted						
126	HDR-60-24	85-264 VAC	24 vdc	60W	Class 2, adjustable output, DIN mounted						
122	DRC100US24	85-264 VAC	24 vdc	100W	Class 2, adjustable output, DIN mounted						
l21	NDR-120-24	90-264 VAC	24 vdc	120W	Adjustable output, DIN mounted						



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EZ Panel Model Selection

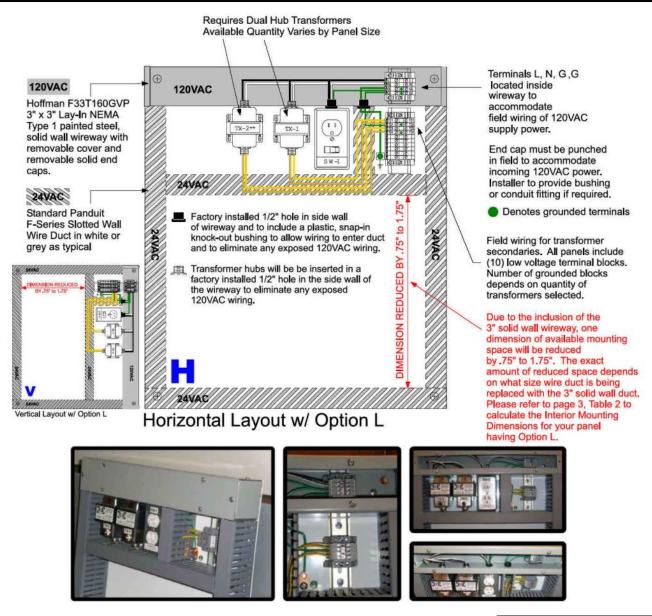
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Option "L" Supplementary Specification

This is a supplementary specification guide and should be used in conjunction with the standard EZ Panel Model Selection Guides for each panel size offered in our product line. This document only applies to EZ Panels with "L" selected in the Options table. This design satisfies separation of circuits as well as strict panel standards which prohibit exposed 120VAC or line voltage wiring. Please note that choosing Option "L" dictates some panel choices and limits others. Specifying panels with this option reduces the standard available interior, module mounting space for all sizes and all applicable layouts. Please follow model selection instructions carefully.

Only Horizontal and Vertical layouts are shown below. However, Option "L" is available with every size and layout in the EZ Panel product line. Feature details shown on the horizontal layout are typical except that reduced interior mounting dimensions will vary depending on what size wire duct is replaced by the solid wall duct.





Fill in the blanks to build your custom model number by selecting one Option from each Table

- Consult pages 4 thru 11 to select the Material, Layout, Power Control, and other Options that best suit your application.
- o Example model number ... SUB-S-2420-HG-X-X-00-050-050

Table		Model #	SUB	-00-0	4236									
	•													
Туре	SUB	Subpanel Assembly								Cont'd	Cont'd	Cont'd	Cont'd	Cont'd
Material	I	Hoffman, A42P36, indu	ustrial, so	lid						Next	Next	Next	Next	Next
See page 3	С	Hoffman, CP4236, Con	-							Page	Page	Page	Page	Page
Table 1														
Size	4236	See Page 3, Table 2 for	interior	dimen	sions									
Layout	HG	Horizontal layout "H" v	v/ grey P	anduit	F Series	J wire duct								
See page 3	HW	Horizontal layout "H" v	w/ white	Pandu	it F Serie	s wire duct								
Table 2	VG	Vertical layout "V" w/	grey Pand	duit F S	Series wi	re duct								
	vw	Vertical layout "V" w/	white Par	nduit F	Series w	vire duct								
	DG	DIN rail layout "D" w/												
	DW	DIN rail layout "D" w/												
	EG	Economy layout "E" w	· ,											
	EW	Economy layout "E" w	/ white Pa	anduit	F Series	wire duct]							
Approvals	X	No approval required												
	U	Meets 508A Standard	for UL Lis	ted Op	oen Cont	rol Panel]						
Options	X	No option selected												
See page 4	Α	3 amp DIN rail mounte												
. 5-	В	5 amp DIN rail mounte												
	С	10 amp DIN rail mount												
	D	3 amp fuse holder terr												
	E	5 amp fuse holder terr												
	F	10 amp fuse holder ter												
	G	Switching terminal blo												
	н	Finger-safe terminal bl												
	1	10 extra terminals mo												
	J	20 extra terminals mo												
	K	40 extra terminals mo												
	L	Solid wall wire duct to						, ,						
l	M	2x4 box w/ 2 gang Cat			-									
	N	2x4 box w/ 4 gang Cat			-	– ships loos	e w/ s	crews						
	0	5ft Cat5E cable, male/		•					J					
Power Control	XX	No factory mounted di				•	24 L							
See pages 5 & 6	DS	Used for SW-1, 15 amp			•									
	DD	Used for SW-1, 15 amp												
	FD DL	Used for SW-1, 10 amp							o w/ 4v4 bov					
Control Power	000	<u> </u>			•			ii ligiit, 10 aliip ius	be W/ 4X4 DOX	_				
		No factory mounted tr				phix required	ı							
Transformers	040 050	Labeled TX-1, TR40VA				w/ circuit hr	oakor							
& Pwr Supplies	050 075	Labeled TX-1, TR50VA0			-									
See page 7	100	,	,	,		•								
	D40	Labeled TX-1, TR100VA												
	D50	Labeled TX-1, TR50VA	-			-								
Cont'd	D75	Labeled TX-1, TR75VAC			-						Cont'd	Cont'd	Cont'd	Cont'd
Next	D10	Labeled TX-1, TR100VA			-						Next	Next	Next	Next
Page	D10	Labeled IV-1' IKIOOA	1001, 100	vA, 12	LUXZ4VA	c, w/ circuit	nreak	ei, DUAL HUB			Page	Page	Page	Page

continued

o Cons	sult pages 4 t	d your custom model number by selecting one Option from each Table hru 11 to select the Material, Layout, Power Control, and other Options that best suit yumber SUB-S-2420-HG-X-X-00-050-050	your application	۱.								
Table	Options	Model # SUB - 4236										
				Cont'd	Cont'd	Cont'o						
Control Power	F04*	TX-1, PSH40AB10-IC, power supply, 120x24VAC, 40VA, w/ breaker & outlet, UL508A		Next	Next	Next						
Transformers	F44*	TX-1/2, PSH40A40AB10-IC, dual power supply, 120x24VAC, (2) 40VA, w/ breaker & outlet, UL508A	;A	Page	Page	Page						
& Pwr Supplies	F47**	TX-1/2, PSH40A75AB10, dual power supply, 120x24VAC, 40VA/75VA, w/ breaker & outlet	, and the second									
See page 7	F41*	TX-1/2, PSH40A100AB10-IC, dual power supply, 120x24VAC, 40VA/100VA, w/ breaker & outlet, U										
see page /	F07**	TX-1, PSH75AB10, power supply, 120x24VAC, 75VA, w/ breaker & outlet										
	F77**	TX-1/2, PSH75A75AB10, dual power supply, 120x24VAC, (2) 75VA, w/ breaker & outlet										
	F71**	TX-1/2, PSH75A100AB10, dual power supply, 120x24VAC, 75VA/100VA, w/ breaker & outlet										
	F01*	TX-1, PSH100AB10-IC, power supply, 120x24VAC, 100VA, w/ breaker & outlet, UL508A										
	F11*	TX-1/2, PSH100A100AB10-IC, dual power supply, 120x24VAC, (2) 100VA, w/ breaker & outlet, UL5	.508A									
	123	Labeled DC-1, HDR-30-24, 24 vdc power supply, 120VAC input, 30 watt, DIN mounted										
	126	Labeled DC-1, HDR-60-24, 24 vdc power supply, 120VAC input, 60 watt, DIN mounted										
	122	Labeled DC-1, DRC100US24, 24 vdc power supply, 120VAC input, 100 watt, DIN mounted										
	121	Labeled DC-1, NDR-120-24, 24 vdc power supply, 120VAC input, 120 watt, DIN mounted										
Field or	000	No factory mounted transformer or power supply required										
Auxiliary	040	Labeled TX-2, TR40VA001, 40VA, 120x24VAC										
Power	050	Labeled TX-2, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker										
Transformers	075	Labeled TX-2, TR75VA001, 75VA, 120x24VAC, w/ circuit breaker										
& Pwr Supplies	100	Labeled TX-2, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker										
See page 7	D40	Labeled TX-2, TR40VA001, 40VA, 120x24VAC, w/ circuit breaker, DUAL HUB										
See page 7	D50	Labeled TX-2, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker, DUAL HUB										
	D75	Labeled TX-2, TR75VA001, 75VA, 120x24VAC, w/ circuit breaker, DUAL HUB										
	D10	Labeled TX-2, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker, DUAL HUB										
	F04*	TX-2, PSH40AB10-IC, power supply, 120x24VAC, 40VA, w/ breaker & outlet, UL508A										
	F44*	TX-2/3, PSH40A40AB10-IC, dual power supply, 120x24VAC, (2) 40VA, w/ breaker & outlet, UL508/	A									
	F47**	TX-2/3, PSH40A75AB10, dual power supply, 120x24VAC, 40VA/75VA, w/ breaker & outlet										
	F41*	TX-2/3, PSH40A100AB10-IC, dual power supply, 120x24VAC, 40VA/100VA, w/ breaker & outlet, U	JL508A									
	F07**	TX-2, PSH75AB10, power supply, 120x24VAC, 75VA, w/ breaker & outlet										
	F77**	TX-2/3, PSH75A75AB10, dual power supply, 120x24VAC, (2) 75VA, w/ breaker & outlet										
	F01*	TX-2, PSH100AB10-IC, power supply, 120x24VAC, 100VA, w/ breaker & outlet, UL508A										
	F11*	TX-2/3, PSH100A100AB10-IC, dual power supply, 120x24VAC, (2) 100VA, w/ breaker & outlet, UL5	.508A									
	123	Labeled DC-2, HDR-30-24, 24 vdc power supply, 120VAC input, 30 watt, DIN mounted										
	126	Labeled DC-2, HDR-60-24, 24 vdc power supply, 120VAC input, 60 watt, DIN mounted		Cont'd	Cont'd	Cont						
	122	Labeled DC-2, DRC100US24, 24 vdc power supply, 120VAC input, 100 watt, DIN mounted		Next	Next	Next						
	121	Labeled DC-2, NDR-120-24, 24 vdc power supply, 120VAC input, 120 watt, DIN mounted		Page	Page	Page						

Notes * Option is not available if separate Power Control was selected

** Option is not available if separate Power Control was selected OR UL Listing is required

continued

Table	Options	Model # SUB - 4236		
Table	Options	100del # 30D - 4230	 	_
Field or	000	No factory mounted transformer or power supply required		
Auxiliary	040	Labeled TX-3, TR40VA001, 40VA, 120x24VAC		
Power	050	Labeled TX-3, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker		
Transformers	075	Labeled TX-3, TR75VA001, 75VA, 120x24VAC, w/ circuit breaker		
& Pwr Supplies	100	Labeled TX-3, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker		
See page 7	D40	Labeled TX-3, TR40VA001, 40VA, 120x24VAC, w/ circuit breaker, DUAL HUB		
	D50	Labeled TX-3, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker, DUAL HUB		
	D75	Labeled TX-3, TR75VA001, 75VA, 120x24VAC, w/ circuit breaker, DUAL HUB		
	D10	Labeled TX-3, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker, DUAL HUB		
	F04*	TX-3, PSH40AB10-IC, power supply, 120x24VAC, 40VA, w/ breaker & outlet, UL508A		
	F07**	TX-3, PSH75AB10, power supply, 120x24VAC, 75VA, w/ breaker & outlet		
	F01*	TX-3, PSH100AB10-IC, power supply, 120x24VAC, 100VA, w/ breaker & outlet, UL508A		
	123	Labeled DC-3, HDR-30-24, 24 vdc power supply, 120VAC input, 30 watt, DIN mounted		
	126	Labeled DC-3, HDR-60-24, 24 vdc power supply, 120VAC input, 60 watt, DIN mounted		
	122	Labeled DC-3, DRC100US24, 24 vdc power supply, 120VAC input, 100 watt, DIN mounted		
	I21	Labeled DC-3, NDR-120-24, 24 vdc power supply, 120VAC input, 120 watt, DIN mounted		
Field or	000	No factory mounted transformer or power supply required		
Auxiliary	040	Labeled TX-3, TR40VA001, 40VA, 120x24VAC		
Power	050	Labeled TX-3, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker		
Transformers	075	Labeled TX-3, TR75VA001, 75VA, 120x24VAC, w/ circuit breaker		
& Pwr Supplies	100	Labeled TX-3, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker		
See page 7	D40	Labeled TX-3, TR40VA001, 40VA, 120x24VAC, w/ circuit breaker, DUAL HUB		
see page /	D50	Labeled TX-3, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker, DUAL HUB		
	D75	Labeled TX-3, TR75VA001, 75VA, 120x24VAC, w/ circuit breaker, DUAL HUB		
	D10	Labeled TX-3, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker, DUAL HUB		
	123	Labeled DC-3, HDR-30-24, 24 vdc power supply, 120VAC input, 30 watt, DIN mounted		
	126	Labeled DC-3, HDR-60-24, 24 vdc power supply, 120VAC input, 60 watt, DIN mounted		
	122	Labeled DC-3, DRC100US24, 24 vdc power supply, 120VAC input, 100 watt, DIN mounted		
	I21	Labeled DC-3, NDR-120-24, 24 vdc power supply, 120VAC input, 120 watt, DIN mounted	 	
Field or	000	No factory mounted transformer or power supply required		_
Auxiliary	040	Labeled TX-3, TR40VA001, 40VA, 120x24VAC		
Power	050	Labeled TX-3, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker		
Transformers	075	Labeled TX-3, TR75VA001, 75VA, 120x24VAC, w/ circuit breaker		
& Pwr Supplies	100	Labeled TX-3, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker		
See page 7	D40	Labeled TX-3, TR40VA001, 40VA, 120x24VAC, w/ circuit breaker, DUAL HUB		
occ babe ,	D50	Labeled TX-3, TR50VA001, 50VA, 120x24VAC, w/ circuit breaker, DUAL HUB		
	D75	Labeled TX-3, TR75VA001, 75VA, 120x24VAC, w/ circuit breaker, DUAL HUB		
	D10	Labeled TX-3, TR100VA001, 100VA, 120x24VAC, w/ circuit breaker, DUAL HUB		
	123	Labeled DC-3, HDR-30-24, 24 vdc power supply, 120VAC input, 30 watt, DIN mounted		
	126	Labeled DC-3, HDR-60-24, 24 vdc power supply, 120VAC input, 60 watt, DIN mounted		
	122	Labeled DC-3, DRC100US24, 24 vdc power supply, 120VAC input, 100 watt, DIN mounted		
	121			

Option is not available if separate Power Control was selected OR UL Listing is required

EZ 4236™ EZ Panel Model Selection

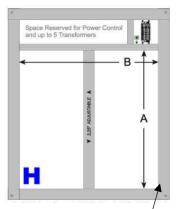
PANEL FAB, INC.
10 Crosby Rd
Dover, NH 03820
470-412-0173

EZ Panel Model Selection

REV 11

3 of 11

Subpanel Material and Layout Options

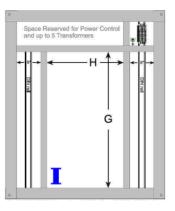


42 x 36 Horizontal Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct Space Reserved for Power Control
and up to 5 Transformers

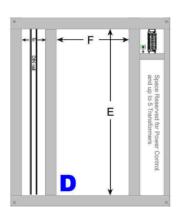
C

Tanscarrov Jezz A

42 x 36 Vertical Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct



42 x 36 DIN Rail Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct



42 x 36 I/O DIN Rail Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct



New Standard Feature

Layout now includes vertical section of wire duct shipped loose w/ mounting screws.

Provides greater flexibility and neater wiring for field installed components. INSTRUCTIONS: Use Table 1 to select a subpanel that is compatible with your enclosure and NEMA rating. Insert the blue letter for Material Selection in the first highlighted field. Use the interior mounting dimensions in Table 2 to determine which Layout Configuration provides ample space to field mount and wire your components. Choose the blue letter for the appropriate layout drawing and insert this as the first character in the second highlighted field. The second character in this field will indicate wire duct color... "G" for grey or "W" for white.

Table	Options	Model #	SUB	_	4236		_	_					
	Material	Selection from T	able 1	,			La	yout C	Config from	Table 2 and	Wire Duct C	olor	

Table 1

Material Selection	Brand	Material	Color	Mfr Part #	Fits Enclosure	NEMA Rating
I	Hoffman	Solid	white	A42P36	Consult Hoffman	3R, 4, 12/13
С	Hoffman	solid	white	CP4236	CSD4236xx	4, 12

		Interior Mounting Dimensions in Inches									
Table 2	H – Horizo	ntal Layout	V – Vertic	cal Layout	D – DIN R	ail Layout	A – Alt. DIN	Rail Layout			
Material Selection	А	В	С	D	E	F	G	Н			
I	28 -1/4 "	28 -1/2"	34 -1/2"	22 -1/4 "	34 -1/2 "	15"	28 -1/4"	16"			
С	29 -3/8 "	29 -5/8"	35 -5/8"	23 -3/8 "	35 -5/8 "	16 -3/16"	29 -3/8 "	17 -3/16"			

Options

Table Options Model# SUB 4236

Select (1) Option and insert the letter to fill in the highlighted field of the EZ Panel model number

MODEL SELECTION NOTES

Note 1: Insert the letter "X" in this field of the EZ Panel model number if no Option is required.

Note 2: All Options are available individually. If more than (1) Option is required, simply order the additional Options

using the prefix "EZ-".

Example: If your panel requires a 10 amp circuit breaker... capability to isolate the 24VAC circuits... and (20) extra terminal blocks... you would order (3) items as follows:

SUB - P - 4236 - HG - X - C - DS -100 - 100 - 100 - 100 - 100

EZ - G

EZ - J

Photo Shown as typical for panels having (2) transformers Note 3:

3 AMP Breaker

3 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

3 AMP Fuse Holder

3 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

Isolate 24VAC Circuit

Switching terminal block substituted for each 24VAC hot terminal block







*See Note 3

5 AMP Breaker

5 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

5 AMP Fuse Holder

5 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

Terminal Cover

Transparent finger-safe terminal block cover. Threaded nylon nuts must be removed to access terminal block.



10 AMP Breaker

10 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

10 AMP Fuse Holder

10 amp fuse holder terminal with fast-blo fuse substituted for terminal "L"



*See Note 3

Continued on next page

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EZ 4236™ **EZ Panel Model Selection** PANEL FAB, INC. **REV 11** 10 Crosby Rd Dover, NH 03820

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Options (Continued)

10 Extra Terminals

10 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

Isolated 120VAC

Solid wall wire duct to isolate line voltage terminal blocks and all 120VAC circuits. See Supplementary Spec "L" on page...



*See Note 3

Cat5E Cable

5ft Cat5E, male/male cable shipped loose.



*See Note 3

20 Extra Terminals

20 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

2 Gang Cat5E

Two gang plastic cover plate with (2) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*See Note 3

40 Extra Terminals

40 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



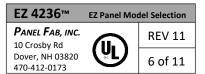
*See Note 3

4 Gang Cat5E

Four gang plastic cover plate with (4) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*See Note 3

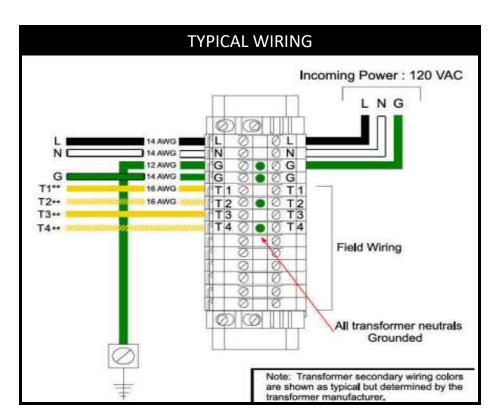




Power Control Options

Select (1) Option and insert the letters to fill in the highlighted field of the EZ Panel model number





		TERMINAL	ASSEMBLY
Show	wn for (2) transforr	ners	
	Bill of Materials		
COMPONENT	MANUFACTURER	PART NO.	CONTROL OF THE PARTY OF THE PAR
Terminal Block	Entrelec	11511607	Carried Management of the Control of
End Plate	Entrelec	11836816	
End Stop	Entrelec	20635116	THE RESERVE AND ASSESSMENT OF THE PERSON NAMED IN COLUMN TWO ASSES
Marking Cards	Entrelec	23300001	
Jumper Bar	Entrelec	17478420	
Jumper Post	Entrelec	16860416	£60
Ground Lug	Thomas & Betts	L70	

Power Control Options, Cont'd

MODEL SELECTION NOTES



♣ Power control (SW-1) is optional

If no Power Control is selected, insert the letters XX in the highlighted field of the EZ Panel Model Number.

If no Power Control is selected, but factory mounted transformers are still required; transformers will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

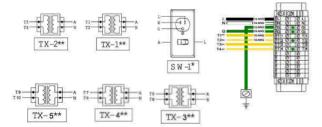
Inserting XX in this field is mandatory if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers. See below for related wiring schematics.



* Transformers (TX-#) are optional

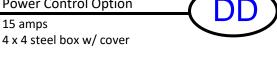
Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

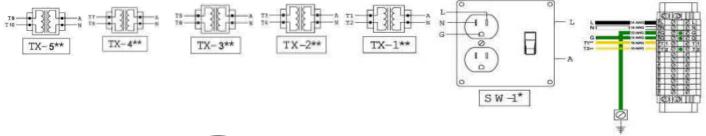
Power Control Option 15 amps 2 x 4 steel box w/ cover



Power Control Option







Power Control Option

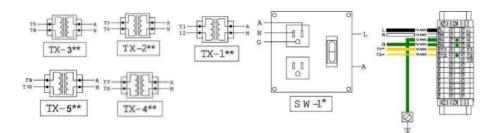


Functional Devices p/n: PSPT2RB10

10 amps

4 x 4 plastic box w/ cover

Internal jumper allows receptacle to be continuously controlled by the switch



See next page for more Power Control Options

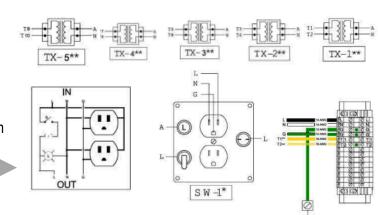


Power Control Options, Cont'd

Power Control Option

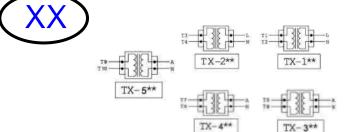
- 15 amp rated components
- 4 x 4 steel box w/ cover
- * Includes red indicator light
- * Includes fuse holder w/ 10 amp fuse

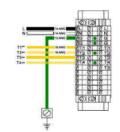
Supplemental internal wiring diagram for Power Control Option DL only



Power Control Option

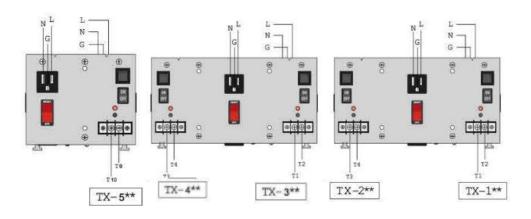
Valid option is no factory installed Power Control device is required for the panel. All transformers are HOT when panel is powered.

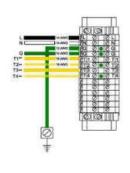




Also valid if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers.

Internal jumper allows receptacle to be continuously controlled by the switch.





Control Power Options



Select Options for up to (2) total transformers and insert the letters to fill in the highlighted fields of the EZ Panel model number

MODEL SELECTION NOTES



Power control (SW-1) from pages 7 & 8 were optional.

If no Power Control is selected, but foot mounted transformers or power supplies are still required; devices will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Due to space limitations, use of Functional Devices PSH Series Combination Power Supplies voids the option to have separate Power Controls from pages 7 & 8. If PSH Series devices are required, you should have the letters "XX" inserted for Power Control. These devices include both an integral disconnect/breaker and low voltage transformers. Together, they take the place of separate power control methods and standard foot mounted transformers. Refer to previous page for wiring schematics.

* *

Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

	Functional Devices Transformers										
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	HUBS	FEATURES					
040	TR40VA001	120 VAC	24 VAC	40	1	Class 2, UL Listed w/ circuit breaker					
050	TR50VA005	120 VAC	24 VAC	50	1	Class 2, UL Listed w/ circuit breaker					
075	TR75VA001	120 VAC	24 VAC	75	1	Class 2, UL Listed w/ circuit breaker					
100	TR100VA001	120 VAC	24 VAC	100	1	Class 2, UL Listed w/ circuit breaker					
D40	TR40VA002	120 VAC	24 VAC	40	2	Class 2, UL Listed w/ circuit breaker					
D50	TR50VA009	120/208/240 VAC	24 VAC	50	2	Class 2, UL Listed w/ circuit breaker					
D75	TR75VA002	120 VAC	24 VAC	75	2	Class 2, UL Listed w/ circuit breaker					
D10	TR100VA002	120 VAC	24 VAC	100	2	Class 2. UL Listed w/ circuit breaker					





	Functional Devices Combination Power Supplies											
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	FEATURES	NOTES						
F04	PSH40AB10-IC	120 VAC	24 VAC	40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3						
F07	PSH75AB10	120 VAC	24 VAC	75	Class 2, w/ circuit breaker & receptacle	1, 2, 3						
F01	PSH100AB10-IC	120 VAC	24 VAC	100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3						
F44	PSH40A40AB10-IC	120 VAC	(2) 24 VAC	40/40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3						
F47	PSH40A75AB10	120 VAC	(2) 24 VAC	40/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3						
F41	PSH40A100AB10-IC	120 VAC	(2) 24 VAC	40/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3						
F77	PSH75A75AB10	120 VAC	(2) 24 VAC	75/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3						
F71	PSH75A100AB10	120 VAC	(2) 24 VAC	75/100	Class 2, w/ circuit breaker & receptacle	1, 2, 3						
F11	PSH100A100AB10-IC	120 VAC	(2) 24 VAC	100/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3						





NOTE 1: Not available with separate Power Control

NOTE 2: Not available if "U" was selected for UL Listing in the Approvals field of the EZ Panel model number

NOTE~3: Availability~varies~by~panel~size.~Please~refer~to~pages~1~&~2~of~the~Model~Selection~Guide~to~confirm~compatibility~the confirm~compatibility~the compatibility~the

	MeanWell HDR/NDR Power Supplies										
EZ OPTION	TION PART NO. INPUT OUTPUT CAPACITY FEATURES										
123	HDR-30-24	85-264 VAC	24 vdc	30W	Class 2, adjustable output, DIN mounted						
126	HDR-60-24	85-264 VAC	24 vdc	60W	Class 2, adjustable output, DIN mounted						
122	DRC100US24	85-264 VAC	24 vdc	100W	Class 2, adjustable output, DIN mounted						
I21	NDR-120-24	90-264 VAC	24 vdc	120W	Adjustable output, DIN mounted						



 PANEL FAB, INC.
 EZ Panel Model Selection

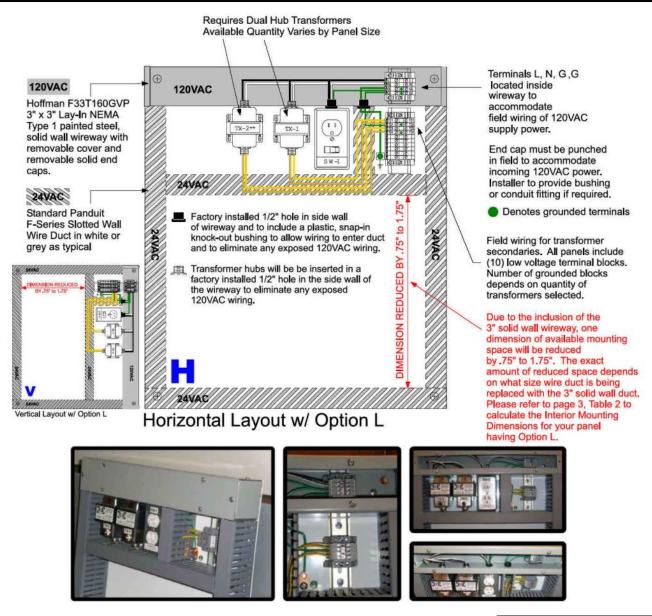
 10 Crosby Rd
 REV 11

 Dover, NH 03820
 10 of 11

Option "L" Supplementary Specification

This is a supplementary specification guide and should be used in conjunction with the standard EZ Panel Model Selection Guides for each panel size offered in our product line. This document only applies to EZ Panels with "L" selected in the Options table. This design satisfies separation of circuits as well as strict panel standards which prohibit exposed 120VAC or line voltage wiring. Please note that choosing Option "L" dictates some panel choices and limits others. Specifying panels with this option reduces the standard available interior, module mounting space for all sizes and all applicable layouts. Please follow model selection instructions carefully.

Only Horizontal and Vertical layouts are shown below. However, Option "L" is available with every size and layout in the EZ Panel product line. Feature details shown on the horizontal layout are typical except that reduced interior mounting dimensions will vary depending on what size wire duct is replaced by the solid wall duct.





Fill in the blanks to build your custom model number by selecting one Option from each Table Consult pages 4 thru 11 to select the Material, Layout, Power Control, and other Options that best suit your application. Example model number ... SUB-S-2420-HG-X-X-00-050-050 Ontions Model # SUB

Table	Options	Model #	SUB	-	4836		-	-						
Туре	SUB	Subpanel Assembly								Cont'd	Cont'd	Cont'd	Cont'd	Cont'd
Material	I	Hoffman, A48P36, in	dustrial, so	lid						Next	Next	Next	Next	Next
See page 3	C	Hoffman, CP4836, Co	ncept, soli	d						Page	Page	Page	Page	Page
Table 1														
Size	4836	See Page 3, Table 2 f	or interior	dimen	sions									
Layout	HG	Horizontal layout "H	w/ grey P	anduit	F Series	wire duct								
See page 3	HW	Horizontal layout "H	w/ white	Pandu	it F Serie	s wire duct								
Table 2	VG	Vertical layout "V" w	/ grey Pand	duit F S	Series wi	re duct								
Tuble 2	vw	Vertical layout "V" w	/ white Pai	nduit F	Series w	ire duct								
	DG	DIN rail layout "D" w	/ grey Pand	duit F S	Series wii	re duct								
	DW	DIN rail layout "D" w	/ white Par	nduit F	Series w	rire duct								
I	EG	Economy layout "E"	w/ grey Pai	nduit F	Series w	ire duct								
1	EW	Economy layout "E"	w/ white Pa	anduit	F Series	wire duct								
Approvals	X	No approval required	d											
	U	Meets 508A Standar	d for UL Lis	ted Op	en Cont	rol Panel								
Options	X	No option selected												
See page 4	Α	3 amp DIN rail moun	ted circuit	breake	er substit	uted for ter	minal	"L"						
occ page 4	В	5 amp DIN rail moun	ted circuit	breake	er substit	uted for ter	minal	"L"						
•	С	10 amp DIN rail mou	nted circui	t break	ker subst	ituted for te	rmina	l "L"						
	D	3 amp fuse holder te	rminal sub	stitute	d for ter	minal "L" w/	'Buss	fast-blo fuse						
İ	E	5 amp fuse holder te	rminal sub	stitute	d for ter	minal "L" w/	'Buss	fast-blo fuse						
•	F	10 amp fuse holder t	erminal su	bstitut	ed for te	rminal "L" w	// Bus	s fast-blo fuse						
	G	Switching terminal b	ock substit	uted f	or each 2	24VAC hot to	ermina	al block						
	Н	Finger-safe terminal	block cove	r, tran	sparent (protects en	ire te	rminal strip)						
	1	10 extra terminals m	ounted on	12 inc	h DIN rai	I (shipped Ic	ose w	/ mntg screws)						
	J	20 extra terminals m	ounted on	12 inc	h DIN rai	l (shipped lo	ose w	/ mntg screws)						
	K	40 extra terminals m	ounted on	12 inc	h DIN rai	I (shipped Ic	ose w	/ mntg screws)						
	L	Solid wall wire duct t												
	M	2x4 box w/ 2 gang Ca			-	•								
	N	2x4 box w/ 4 gang Ca	t5E cover	olate a	ind jacks	ships loos	e w/ s	crews						
	0	5ft Cat5E cable, male	/male – sh	ips loc	ose									
Power Control	XX	No factory mounted	disconnect	or red	eptacle i	required								
See pages 5 & 6	DS	Used for SW-1, 15 ar	•		-									
	DD	Used for SW-1, 15 ar	np disconn	ect &	duplex re	ceptacle w/	4x4 b	ox						
	FD	Used for SW-1, 10 ar	•											
	DL	Used for SW-1, 15 ar	<u> </u>		_			r light, 10 amp fus	se w/ 4x4 box]				
Control Power	000	No factory mounted				ply required	t							
Transformers	040	Labeled TX-1, TR40V	•	,										
& Pwr Supplies	050	Labeled TX-1, TR50V				-								
See page 7	075	Labeled TX-1, TR75V	•	,		•								
1 0	100	Labeled TX-1, TR100												
	D40	Labeled TX-1, TR40V				-								
Cont'd	D50	Labeled TX-1, TR50V				-					Cont'd	Cont'd	Cont'd	Cont'd
Next	D75	Labeled TX-1, TR75V									Next	Next	Next	Next
Page	D10	Labeled TX-1, TR100	/A001, 100	VA, 12	20x24VA	C, w/ circuit	break	er, DUAL HUB			Page	Page	Page	Page

EZ 4836™	EZ Panel Mod	del Selection
PANEL FAB, INC. 10 Crosby Rd		REV 11
Dover, NH 03820 470-412-0173	GD	1 of 11

continued

o Con:	sult pages 4 t	Id your custom thru 11 to select th number SUB-S-24	e Mater	ial, La	yout, P	ower						pplication	1.		
Table	Options	Model #	SUB	_	4836		_	_		_					
							l								
													Cont'd	Cont'd	Cont'd
Control Power	F04*	TX-1, PSH40AB10-I0	· ·		•	,	,	•	,				Next	Next	Next
Transformers	F44*	TX-1/2, PSH40A40A											Page	Page	Page
& Pwr Supplies	F47**	TX-1/2, PSH40A75A													
See page 7	F41* F07**	TX-1/2, PSH40A100								oreaker a	& outlet, ULSU8A	١ ا			
	F77**	TX-1, PSH75AB10, p								عداديد ٥					
	F71**	TX-1/2, PSH75A75A TX-1/2, PSH75A100									utlet				
	F01*	TX-1, PSH100AB10-									utict				
	F11*	TX-1/2, PSH100AD10				,					outlet III 508A				
	123	Labeled DC-1, HDR-		,				, , ,			outiet, ozsoo, t				
	126	Labeled DC-1, HDR-													
	122	Labeled DC-1, DRC									ed				
	121	Labeled DC-1, NDR-					, ,		•						
Field or	000	No factory mounted				11 //			,		-				
Auxiliary	040	Labeled TX-2, TR40													
Power	050	Labeled TX-2, TR50	VA001, 50))))))))	20x24V	AC, w/	circuit	breaker							
Transformers	075	Labeled TX-2, TR75													
& Pwr Supplies	100	Labeled TX-2, TR10	OVA001, 1	100VA	, 120x24	IVAC, v	v/ circu	uit breaker							
See page 7	D40	Labeled TX-2, TR40	VA001, 40	OVA, 1	20x24V	AC, w/	circuit	breaker, D	JAL HUB						
See page 7	D50	Labeled TX-2, TR50	VA001, 50	OVA, 1	20x24V	AC, w/	circuit	breaker, D	JAL HUB						
	D75	Labeled TX-2, TR75	VA001, 7	5VA, 1	20x24V	AC, w/	circuit	breaker, D	JAL HUB						
	D10	Labeled TX-2, TR10	OVA001,	100VA	, 120x24	IVAC, v	v/ circu	uit breaker,	DUAL HUB						
	F04*	TX-2, PSH40AB10-I0	· ·		•	,	,	•	,						
	F44*	TX-2/3, PSH40A40A				. ,,		, , ,			•				
	F47**	TX-2/3, PSH40A75A				,									
	F41*	TX-2/3, PSH40A100								oreaker 8	& outlet, UL508A	١			
	F07**	TX-2, PSH75AB10, p													
	F77**	TX-2/3, PSH75A75A		•											
	F01*	TX-2, PSH100AB10-													
	F11*	TX-2/3, PSH100A10			•						outlet, UL508A				
	123	Labeled DC-2, HDR-											C		Cont'd
	126	Labeled DC-2, HDR-	-										Cont'd	Cont'd	Next
	122 121	Labeled DC-2, DRC					, ,		•				Next	Next	Page
	121	Labeled DC-2, NDR-	120-24, 2	4 vac	power s	uppiy,	120VA	ic input, 12	u watt, DIN	mounte	a		Page	Page	I uge

Notes * Option is not available if separate Power Control was selected

** Option is not available if separate Power Control was selected OR UL Listing is required

continued

Table	Options	Model #	SUB	_	4836		_									
labic	Options	IVIOUCI #	300	_	4030		_									
			ı													
II		la, c .	11 6]		
Field or	000	No factory mounte			•		y requii	red								
Auxiliary	040	Labeled TX-3, TR40	-													
Power	050	Labeled TX-3, TR50														
Transformers	075	Labeled TX-3, TR75							_							
& Pwr Supplies	100	Labeled TX-3, TR10	-							ILID						
See page 7	D40	Labeled TX-3, TR40						-								
	D50	Labeled TX-3, TR50		,		, ,										
	D75	Labeled TX-3, TR75	-					-								
	D10 F04*	Labeled TX-3, TR10									001					
	F04** F07**	TX-3, PSH40AB10-I TX-3, PSH75AB10, I						-		-	UOA					
	F01*	TX-3, PSH75AB10,	•								15084					
	123	Labeled DC-3, HDR														
	125	Labeled DC-3, HDR	-													
	120	Labeled DC-3, FIDR						-				4				
	121		,		•		• •			,		u				
Field or		Labeled DC-3, NDR							20 Wa	tt, DIN II	iountea]	
	000	No factory mounte			•		y requii	eu								
Auxiliary	040	Labeled TX-3, TR40	-					سميلممسط								
Power	050 075	Labeled TX-3, TR50 Labeled TX-3, TR75														
Transformers		· ·	,	,		, ,			_							
& Pwr Supplies	100 D40	Labeled TX-3, TR10	-							מווג						
See page 7	D50	Labeled TX-3, TR40 Labeled TX-3, TR50														
	D30 D75	_ ·	-					-								
	D/5 D10	Labeled TX-3, TR75						-								
	123	Labeled TX-3, TR10	-								ıntad					
	125	Labeled DC-3, HDR Labeled DC-3, HDR		-												
	120	Labeled DC-3, HDR		-								4				
	122	Labeled DC-3, DRC					•					u				
Field or	000	No factory mounte							∠∪ wa	it, DIN II	iounteu					J
Auxiliary	040	Labeled TX-3, TR40			•		y requii	eu								
Power	050	Labeled TX-3, TR50	-				circui+	hraakar								
Transformers	050 075	Labeled TX-3, TR50														
& Pwr Supplies	100	Labeled TX-3, TR10	-						r							
	D40	Labeled TX-3, TR10	-							-IIIR						
See page 7	D50	Labeled TX-3, TR50														
	D50 D75	Labeled TX-3, TR50						-								
	D/3 D10	Labeled TX-3, TR10						-								
	123	Labeled DC-3, HDR	-								inted					
	123	Labeled DC-3, HDR														
	126	_ ·	-									a.				
	122	Labeled DC-3, DRC					•					u				
	121	Labeled DC-3, NDR	-120-24, 2	4 vac p	ower s	uppiy,	TZUVA	c input, 1	∠∪ wa	ili. DIN M	nounted					

Option is not available if separate Power Control was selected OR UL Listing is required

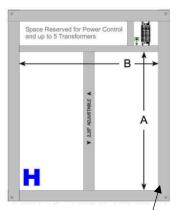
EZ 4836™ EZ Panel Model Selection **PANEL FAB, INC.**10 Crosby Rd
Dover, NH 03820
470-412-0173

EZ Panel Model Selection

REV 11

3 of 11

Subpanel Material and Layout Options



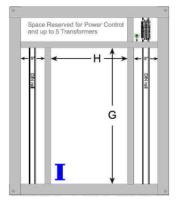
48 x 36 Horizontal Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct

Space Reserved for Power Control and up to 5 Transformers

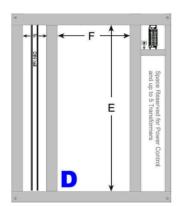
C

Transformers

48 x 36 Vertical Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct



48 x 36 DIN Rail Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct



48 x 36 I/O DIN Rail Layout w/ 2.25" x 3" and 1.25" x 3" Wire Duct



New Standard Feature

Layout now includes vertical section of wire duct shipped loose w/ mounting screws.

Provides greater flexibility and neater wiring for field installed components. INSTRUCTIONS: Use Table 1 to select a subpanel that is compatible with your enclosure and NEMA rating. Insert the blue letter for Material Selection in the first highlighted field. Use the interior mounting dimensions in Table 2 to determine which Layout Configuration provides ample space to field mount and wire your components. Choose the blue letter for the appropriate layout drawing and insert this as the first character in the second highlighted field. The second character in this field will indicate wire duct color... "G" for grey or "W" for white.

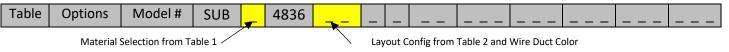


Table 1

Material Selection	Brand	Material	Color	Mfr Part #	Fits Enclosure	NEMA Rating
I	Hoffman	Solid	white	A48P36	Consult Hoffman	3R, 4, 12/13
С	Hoffman	solid	white	CP4836	CSD4836xx	4, 12

			Interio	or Mounting D	imensions in	Inches		
Table 2	H – Horizo	ntal Layout	V – Vertic	cal Layout	D – DIN R	ail Layout	A – Alt. DIN	Rail Layout
Material Selection	А	В	С	D	Е	F	G	Н
1	34 -1/4 "	28 -1/2"	40 -1/2"	22 -1/4 "	40 -1/2 "	15"	34 -1/4"	14"
С	35 -3/8 "	29 -5/8"	41 -5/8"	23 -3/8 "	41 -5/8 "	16 -3/16"	35 -3/8 "	15 -3/16"

Options

Table Options Model# SUB 4836

Select (1) Option and insert the letter to fill in the highlighted field of the EZ Panel model number

MODEL SELECTION NOTES

Note 1: Insert the letter "X" in this field of the EZ Panel model number if no Option is required.

Note 2: All Options are available individually. If more than (1) Option is required, simply order the additional Options

using the prefix "EZ-".

Example: If your panel requires a 10 amp circuit breaker... capability to isolate the 24VAC circuits... and (20) extra terminal blocks... you would order (3) items as follows:

SUB - P - 4836 - HG - X - C - DS -100 - 100 - 100 - 100 - 100

EZ - G EZ - J

Photo Shown as typical for panels having (2) transformers Note 3:

3 AMP Breaker

3 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

3 AMP Fuse Holder

3 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

Isolate 24VAC Circuit

Switching terminal block substituted for each 24VAC hot terminal block







*See Note 3

5 AMP Breaker

5 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

5 AMP Fuse Holder

5 amp fuse holder terminal with fast-blo fuse substituted for terminal "1"



*See Note 3

Terminal Cover

Transparent finger-safe terminal block cover. Threaded nylon nuts must be removed to access terminal block.



10 AMP Breaker

10 amp DIN rail mounted circuit breaker substituted for terminal "L"



*See Note 3

10 AMP Fuse Holder

10 amp fuse holder terminal with fast-blo fuse substituted for terminal "L"



*See Note 3

Continued on next page

EZ 4836™ **EZ Panel Model Selection** PANEL FAB, INC. **REV 11** 10 Crosby Rd Dover, NH 03820 5 of 11 470-412-0173

Options (Continued)

10 Extra Terminals

10 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

Isolated 120VAC

Solid wall wire duct to isolate line voltage terminal blocks and all 120VAC circuits. See Supplementary Spec "L" on page...



*See Note 3

Cat5E Cable

5ft Cat5E, male/male cable shipped loose.



*See Note 3

20 Extra Terminals

20 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



*See Note 3

2 Gang Cat5E

Two gang plastic cover plate with (2) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



*See Note 3

40 Extra Terminals

40 numbered terminal blocks mounted on a 12" section of DIN rail shipped loose with mtg screws (required field installation)



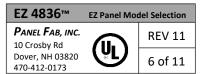
*See Note 3

4 Gang Cat5E

Four gang plastic cover plate with (4) Cat5E jacks mounted on a 2x4 handibox. Items ship loose w/ mtg screws.



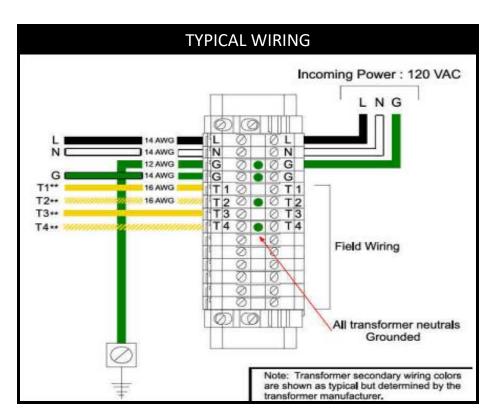
*See Note 3



Power Control Options

Select (1) Option and insert the letters to fill in the highlighted field of the EZ Panel model number





		TERMINAL	ASSEMBLY
Show	wn for (2) transforr	ners	
	Bill of Materials		
COMPONENT	MANUFACTURER	PART NO.	Company of the Landson of the Landso
Terminal Block	Entrelec	11511607	Committee of the last of the l
End Plate	Entrelec	11836816	A 2 2 2 2
End Stop	Entrelec	20635116	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OW
Marking Cards	Entrelec	23300001	
Jumper Bar	Entrelec	17478420	
Jumper Post	Entrelec	16860416	Coo
Ground Lug	Thomas & Betts	L70	

Power Control Options, Cont'd

MODEL SELECTION NOTES



♣ Power control (SW-1) is optional

If no Power Control is selected, insert the letters XX in the highlighted field of the EZ Panel Model Number.

If no Power Control is selected, but factory mounted transformers are still required; transformers will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Inserting XX in this field is mandatory if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers. See below for related wiring schematics.

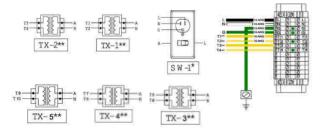


* Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

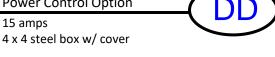
Power Control Option 15 amps 2 x 4 steel box w/ cover

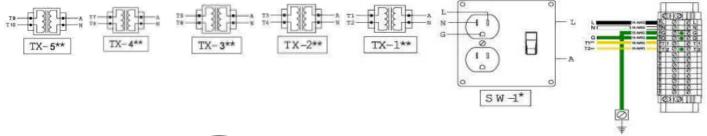




Power Control Option







Power Control Option

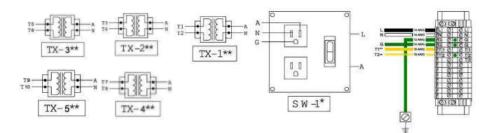


Functional Devices p/n: PSPT2RB10

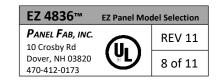
10 amps

4 x 4 plastic box w/ cover

Internal jumper allows receptacle to be continuously controlled by the switch



See next page for more Power Control Options

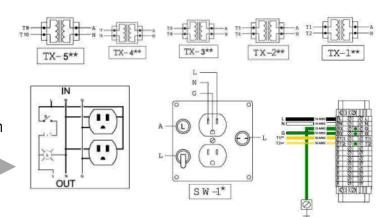


Power Control Options, Cont'd

Power Control Option

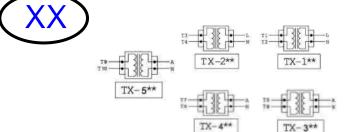
- 15 amp rated components
- 4 x 4 steel box w/ cover
- * Includes red indicator light
- * Includes fuse holder w/ 10 amp fuse

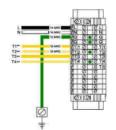
Supplemental internal wiring diagram for Power Control Option DL only



Power Control Option

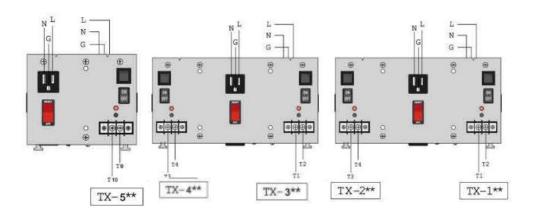
Valid option is no factory installed Power Control device is required for the panel. All transformers are HOT when panel is powered.

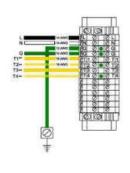




Also valid if Functional Devices PSH Series Combination Power Supplies are being used in lieu of standard foot mounted transformers.

Internal jumper allows receptacle to be continuously controlled by the switch.





Control Power Options



Select Options for up to (2) total transformers and insert the letters to fill in the highlighted fields of the EZ Panel model number

MODEL SELECTION NOTES



Power control (SW-1) from pages 7 & 8 were optional.

If no Power Control is selected, but foot mounted transformers or power supplies are still required; devices will be wired directly to the L and N terminals and will be continuously HOT when the panel is powered.

Due to space limitations, use of Functional Devices PSH Series Combination Power Supplies voids the option to have separate Power Controls from pages 7 & 8. If PSH Series devices are required, you should have the letters "XX" inserted for Power Control. These devices include both an integral disconnect/breaker and low voltage transformers. Together, they take the place of separate power control methods and standard foot mounted transformers. Refer to previous page for wiring schematics.

* *

Transformers (TX-#) are optional

Every panel includes (14) total terminal blocks regardless of the transformer quantity chosen. If the maximum number of transformers is not selected, the unused terminals will include blank markers and will be available for other field terminations is required.

		Functional	Devices	Trar	nsform	iers
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	HUBS	FEATURES
040	TR40VA001	120 VAC	24 VAC	40	1	Class 2, UL Listed w/ circuit breaker
050	TR50VA005	120 VAC	24 VAC	50	1	Class 2, UL Listed w/ circuit breaker
075	TR75VA001	120 VAC	24 VAC	75	1	Class 2, UL Listed w/ circuit breaker
100	TR100VA001	120 VAC	24 VAC	100	1	Class 2, UL Listed w/ circuit breaker
D40	TR40VA002	120 VAC	24 VAC	40	2	Class 2, UL Listed w/ circuit breaker
D50	TR50VA009	120/208/240 VAC	24 VAC	50	2	Class 2, UL Listed w/ circuit breaker
D75	TR75VA002	120 VAC	24 VAC	75	2	Class 2, UL Listed w/ circuit breaker
D10	TR100VA002	120 VAC	24 VAC	100	2	Class 2. UL Listed w/ circuit breaker





	Fun	ctional D	evices C	ombin	ation Power Supplies	
EZ OPTION	PART NO.	INPUT	OUTPUT	VA	FEATURES	NOTES
F04	PSH40AB10-IC	120 VAC	24 VAC	40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F07	PSH75AB10	120 VAC	24 VAC	75	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F01	PSH100AB10-IC	120 VAC	24 VAC	100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F44	PSH40A40AB10-IC	120 VAC	(2) 24 VAC	40/40	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F47	PSH40A75AB10	120 VAC	(2) 24 VAC	40/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F41	PSH40A100AB10-IC	120 VAC	(2) 24 VAC	40/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3
F77	PSH75A75AB10	120 VAC	(2) 24 VAC	75/75	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F71	PSH75A100AB10	120 VAC	(2) 24 VAC	75/100	Class 2, w/ circuit breaker & receptacle	1, 2, 3
F11	PSH100A100AB10-IC	120 VAC	(2) 24 VAC	100/100	Class 2, UL Listed w/ circuit breaker & receptacle	1, 3



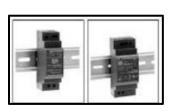


NOTE 1: Not available with separate Power Control

NOTE 2: Not available if "U" was selected for UL Listing in the Approvals field of the EZ Panel model number

NOTE~3: Availability~varies~by~panel~size.~Please~refer~to~pages~1~&~2~of~the~Model~Selection~Guide~to~confirm~compatibility~the confirm~compatibility~the compatibility~the

	1	MeanWel	I HDR/	NDR Pow	ver Supplies
EZ OPTION	PART NO.	INPUT	OUTPUT	CAPACITY	FEATURES
123	HDR-30-24	85-264 VAC	24 vdc	30W	Class 2, adjustable output, DIN mounted
126	HDR-60-24	85-264 VAC	24 vdc	60W	Class 2, adjustable output, DIN mounted
122	DRC100US24	85-264 VAC	24 vdc	100W	Class 2, adjustable output, DIN mounted
I21	NDR-120-24	90-264 VAC	24 vdc	120W	Adjustable output, DIN mounted



 EZ 4836™
 EZ Panel Model Selection

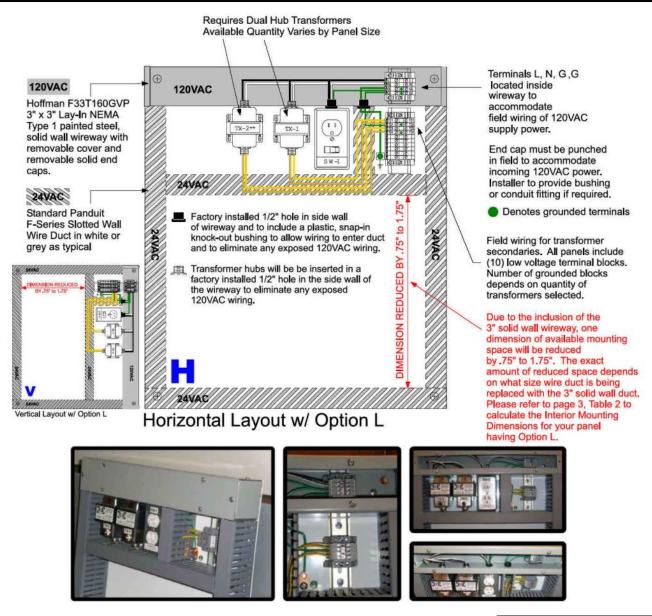
 PANEL FAB, INC.
 10 Crosby Rd

 Dover, NH 03820
 10 of 11

Option "L" Supplementary Specification

This is a supplementary specification guide and should be used in conjunction with the standard EZ Panel Model Selection Guides for each panel size offered in our product line. This document only applies to EZ Panels with "L" selected in the Options table. This design satisfies separation of circuits as well as strict panel standards which prohibit exposed 120VAC or line voltage wiring. Please note that choosing Option "L" dictates some panel choices and limits others. Specifying panels with this option reduces the standard available interior, module mounting space for all sizes and all applicable layouts. Please follow model selection instructions carefully.

Only Horizontal and Vertical layouts are shown below. However, Option "L" is available with every size and layout in the EZ Panel product line. Feature details shown on the horizontal layout are typical except that reduced interior mounting dimensions will vary depending on what size wire duct is replaced by the solid wall duct.



Panel Receptacle & Switch Assemblies

Panel Fab receptacle and disconnect assemblies provide you with another time-saving solution for your panel fabrication. Seven different models offer convenience and functionality for every panel application.

All models feature UL Listed commercial grade components and are prewired with push-on connectors for fast field installation.



EZ-DLDisconnect, Light,

Fuse, Receptacle

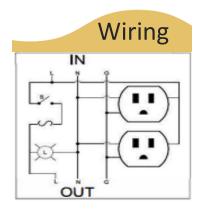
Features

Prewired with convenient quick connectors
Includes non-conductive toggle switch boot
Includes 10 amp fuse
Saves time and money



olutions

EZ-DF
Disconnect, Fuse,
Receptacle



Specs



EZ-DDDisconnect & Duplex
Receptacle



EZ-DS
Disconnect & Single
Receptacle

EZ-TL



Rating
Disconnect / Switch
Duplex Receptacle
Switch/Recep (for os only)
Neon Indicator Light

Wire

Dimensions

15A@ 120VAC 15A@ 120VAC 15A@ 120VAC 1/3W @ 120VAC Buss AGC-10, 250V, 10Amp,

14 AWG UL THHN

fast-blo (included) 0.5-20A (ordered separately)



EZ-TOToggle Switch Only

Toggle Switch & Light

EZ - DL, DF, DD 4" W X 4" H
EZ - DS, TL, TO, RO 2"W x4" H

EZ-RO
Receptacle Only

Replacement Parts Item Number

CAUTION: Receptacle is always Hot

Panel Fab, Inc.

10 Crosby Rd, Dover, NH 03820

470-412-0173

Red Indicator Light

www.panelfabricator.com

EZ - RIL

Panel Accessories

All options and panel fabrication components are available individually. This allows you the flexibility to further customize your new EZ Panel of field modify one that has already been installed.

EZ PANEL OPTIONS	Choices from the Options Table in the EZ Panel Model Se "L" is not available for individual sale and must be factor			
EZ Panel Option	Description	Manufacturer	Mfr P/N	Panel Fab Order #
Α	3A DIN rail circuit breaker	CBI Electric	QZ-1-13-D-2-03	EZ-A
В	5A DIN rail circuit breaker	CBI Electric	QZ-1-13-D-2-05	EZ-B
С	10A DIN rail circuit breaker	CBI Electric	QZ-1-13-D-2-10	EZ-C
	20.5	Entrelec	1156725	EZ-D
D	3A fuse holder terminal w/ Buss fast-blow fuse	Buss	AGC-3	(1) Included in above
_	5.6 1.11 1.75	Entrelec	1156725	EZ-E
E	5A fuse holder terminal w/ Buss fast-blow fuse	Buss	AGC-5	(1) Included. in above
_	40.46	Entrelec	1156725	EZ-F
F	10A fuse holder terminal w/ Buss fast-blow fuse	Buss	AGC-10	(1) Included in above
G	Switching terminal block, 6mm, 600V, 10A rating	Entrelec	11543812	EZ-G
	Finger-safe terminal block cover (5" long) w/ end	Entrelec	17681612	EZ-H
н	plates	Entrelec	11679511	(2) Included in above
	10 numbered terminal blocks mounted on 12" DIN rail - ships loose with mounting screws	Entrelec	11511607	EZ-I
	Terminal end stop	Entrelec	20635116	(2) Included in above
1	Terminal end plate	Entrelec	11836816	(1) Included in above
	Terminal markers (blank and custom printed 1-10)	Entrelec	23300001	Included in above
	DIN rail	Weidmuller	54150	12" Included in above
	20 numbered terminal blocks mounted on 12" DIN rail - ships loose with mounting screws	Entrelec	11511607	EZ-J
	Terminal end stop	Entrelec	20635116	(2) Included in above
J	Terminal end plate	Entrelec	11836816	(1) Included in above
	Terminal markers (blank and custom printed 1-10)	Entrelec	23300001	Included in above
	DIN rail	Weidmuller	54150	12" Included in above
	40 numbered terminal blocks mounted on 12" DIN rail - ships loose with mounting screws	Entrelec	11511607	EZ-K
	Terminal end stop	Entrelec	20635116	(2) Included in above
K	Terminal end plate	Entrelec	11836816	(1) Included in above
	Terminal markers (blank and custom printed 1-10)	Entrelec	23300001	Included in above
	DIN rail	Weidmuller	54150	12" Included in above
	2x4 handi-box with 2-gang Cat5E cover plate and jacks - ships loose with mounting screws	See below	See below	EZ-M
М	2x4 steel handi-box, 1-7/8" deep w/ knockouts	Steel City	STC58371	(1) Included in above
IVI	2-gang, plastic ivory cover plate	Legrand	CAT45080-2IP	(1) Included in above
	Cat5E modular snap-in jack	Optical Cable Corp	KMJVL8A/BO5	(2) Included in above
	2x4 handi-box with 4-gang Cat5E cover plate and jacks - ships loose with mounting screws	See below	See below	EZ-N
NI	2x4 steel handi-box, 1-7/8" deep w/ knockouts	Steel City	STC58371	(1) Included in above
N	4-gang, plastic ivory cover plate	Legrand	CAT45080-4IP	(1) Included in above
	Cat5E modular snap-in jack	Optical Cable Corp	KMJVL8A/BO5	(4) Included in above
О	5 ft Cat5E cable, male/male, ships loose	Weltron Products	90-C5E-5BL	EZ-O

POWER CONTROL	All EZ Panel Receptacle and Switch Assemblies are available available as a factory installed EZ Panel option. Refer to EZ			
EZ Panel Option	Description	Manufacturer	Mfr P/N	Panel Fab Order #
DS*	15A disconnect & single outlet w/ 2x4 box	Panel Fab	EZ-DS	EZ-DS
DD*	15A disconnect & duplex outlet w/ 4x4 box	Panel Fab	EZ-DD	EZ-DD
FD*	10A Functional Devices PSPT2RB10	Functional Devices	EZ-FD	EZ-FD
DL*	15A disconnect & duplex outlet w/ 10A fuse, indicator light, and 4x4 box	Panel Fab	EZ-DL	EZ-DL
EZ Receptacle and Switch	Description	Manufacturer	Mfr P/N	Panel Fab
Assemblies				Order #
Assemblies DF	15A disconnect & duplex outlet w/ indicator light and 2x4 box	Panel Fab	EZ-DF	EZ-DF
		Panel Fab Panel Fab	EZ-DF EZ-TL	
DF	and 2x4 box 15A toggle switch and red indicator light mounted			EZ-DF

CONTROL POWER	All EZ Panel Control Power Options are available for individual sale. Refer to EZ Panel Model Selection Guide and the manufacturer for additional specifications.						
EZ Panel Option	Description	Manufacturer	Mfr P/N	Panel Fab Order #			
040	120x24VAC, 40VA, single hub transformer	Functional Devices	TR40VA001	EZ-040			
050	120x24VAC, 50VA, single hub transformer	Functional Devices	TR50VA001	EZ-050			
075	120x24VAC, 75VA, single hub transformer	Functional Devices	TR75VA001	EZ-075			
100	120x24VAC, 100VA, single hub transformer	Functional Devices	TR100VA001	EZ-100			
D40	DUAL HUB Transformer, 120x24VAC, 40VA	Functional Devices	TR40VA002	EZ-D40			
D50	DUAL HUB Transformer, 120x24VAC, 50VA	Functional Devices	TR50VA002	EZ-D50			
D75	DUAL HUB Transformer, 120x24VAC, 75VA	Functional Devices	TR75VA002	EZ-D75			
D10	DUAL HUB Transformer, 120x24VAC, 100VA	Functional Devices	TR100VA002	EZ-D10			
F04	Enclosed power supply, 120x24VAC, 40VA, 10A switch/breaker, 120VAC outlet, UL508A	Functional Devices	PSH40AB10-IC	EZ-F04			
F44	Enclosed dual power supply, 120x24VAC, (2) 40VA, 10A switch/breaker, 120VAC outlets, UL508A	Functional Devices	PSH40A40AB10-IC	EZ-F44			
F47	Enclosed dual power supply, 120x24VAC, 40VA/75VA, 10A switch/breaker, 120VAC outlets	Functional Devices	PSH40A75AB10	EZ-F47			
F41	Enclosed dual power supply, 120x24VAC, 40VA/100VA, 10A switch/breaker, 120VAC outlets, UL508A	Functional Devices	PSH40A100AB10- IC	EZ-F41			
F07	Enclosed power supply, 120x24VAC, 75VA, 10A switch/breaker, 120VAC outlet	Functional Devices	PSH75AB10	EZ-F07			
F71	Enclosed dual power supply, 120x24VAC, 75VA/100VA, 10A switch/breaker, 120VAC outlets	Functional Devices	PSH75A100AB10	EZ-F71			
F01	Enclosed power supply, 120x24VAC, 100VA, 10A switch/breaker, 120VAC outlet, UL508A	Functional Devices	PSH100AB10-IC	EZ-F01			
F11	Enclosed dual power supply, 120x24VAC, (2) 100VA, 10A switch/breaker, 120VAC outlets, UL508A	Functional Devices	PSH100A100AB10- IC	EZ-F11			
123	24vdc power supply, 120VAC input, 30W, Din-mounted	MeanWell	HDR-30-24	EZ-I23			
126	24vdc power supply, 120VAC input, 60W, Din-mounted	MeanWell	HDR-60-24	EZ-I26			
122	24vdc power supply, 120VAC input, 100W, Din-mounted	MeanWell	DRC100US24	EZ-I22			
I21	24vdc power supply, 120VAC input, 120W, Din-mounted	MeanWell	NDR-120-24	EZ-I21			

PANEL FABRICATION COMPONENTS	All components used in manufacturing EZ Panels are avai panel. Refer to EZ Panel Model Selection Guide for additi		so you can further custo	mize your
Item	Description	Manufacturer	Mfr P/N	Panel Fab Order #
	1.25" wide x 3" tall, narrow slot, 6'-6" section, grey	Panduit	F1X3LG6	F1X3LG6
Grey Wire Duct	1.25" wire duct cover, 6'-6" section, grey	Functional Devices	C1LG6	C1LG6
Grey time buck	2.25" wide x 3" tall, narrow slot, 6'-6" section, grey	Functional Devices	F2X3LG6	F2X3LG6
	2.25" wire duct cover, 6'-6" section, grey	Functional Devices	C2LG6	C2LG6
	1.25" wide x 3" tall, narrow slot, 6'-6" section, white	Functional Devices	F1X3Wh6	F1X3Wh6
White Wire Duct	1.25" wire duct cover, 6'-6" section, white	Functional Devices	C1WH6	C1WH6
	2.25" wide x 3" tall, narrow slot, 6'-6" section, white	Functional Devices	F2X3WH6	F2X3WH6
	2.25" wire duct cover, Functional Devices 6'-6" section, white		C2WH6	C2WH6
DIN Rail	Steel DIN rail, 6'-6" section	Weidmuller	51450	51450
Ground Lug	Copper with slotted screw clamp, UL Listed for only (1) wire	Thomas & Betts	L70	L70
Terminal Blocks	6mm, DIN mounted grey block with screw clamp	Entrelec	11511607	11511607
Terminal End Plate	6mm, grey end plate used for last terminal on strip	Entrelec	1836816	1836816
Terminal End Stop	Grey end clamp with slotted screw, (2) required per strip	Entrelec	20635116	20635116
Jumper Bar	20 pole steel jumper bar, can be cut to length	Entrelec	17478420	17478420
Jumper Post/Screw	20 count bag of post and screws required for jumper bar	Entrelec	16860416	16860416
	50 count blank marking card for terminal blocks	Entrelec	RC610-B	RC610-B
	Marking card printed with (5) rows of #1 thru #10	Entrelec	RC610-1/10	RC610- 1/10
Terminal Markers	Marking card printed #1 thru #50	Entrelec	RC610-1/50	RC610- 1/50
	Marking card printed #51 thru #100	Entrelec	RC610-51/100	RC610- 51/100
	Marking card printed #101 thru #200	Entrelec	RC610-101/200	RC610- 101/200

Enclosure Selection Guide

Use the "Size" and "Material Selection" from your EZ Panel model number to identify a compatible enclosure based on NEMA rating and depth. Enclosures are available for individual sale and always ship separate from EZ Panels.



	Hinged-cover, Type 1 Enclosures with gray powder paint finish inside and out.						
NEMA 1	Mounting holes located on the back of the enclosure. Includes ¼ turn latch.						
EZ Panel	Material	Subpanel Number	6" Deep	8" Deep	9" Deep		
HxW	Selection	Subpaner Number	Enclosure	Enclosure	Enclosure		
20x16	P or S	A20N16MPP or A20N16MP	A20N16ALP	A20N16BLP	n/a		
20x20	P or S	A20N20MPP or A20N20MP	A20N20ALP	A20N20BLP	n/a		
24x20	P or S	A24N20MPP or A24N20MP	A24N20ALP	A24N20BLP	n/a		
24x24	P or S	A24N24MPP or A24N24MP	A24N24ALP	A24N24BLP	n/a		
30x24	P or S	A30N24MPP or A30N24MP	A30N24ALP	A30N24BLP	n/a		
36x24	P or S	A36N24MPP or A36N24MP	A36N24MPP or A36N24MP				
36x30	P or S	or S A36N30MPP or A36N30MP A36N30ALP A36N30BLP n,					
42x30	I	I A42P30 n/a n/a A42N30					
42x36	I	I A42P36 n/a n/a		A42N3609			
48x36	Ī	I A48P36 n/a n/a A48N3609					
Accessories:	Cylinder Lock Kit: p/n AL12AR (sold separately and requires field installation.)						
Options:	All Hoffman enclosure sizes and accessories are available. Please call for pricing.						



	Hinged-cover, Type 3R Enclosures with gray powder paint finish inside and out. Manufactured with top drip shield and seam-free side, front and back. Top includes rear tab for external mounting. Includes captive screw closure and hasp.							
NEMA 3R								
EZ Panel	Material	Material Subpanel 6" Deep 8" Deep 10" Deep 12" Deep						
H x W	Selection	Number	Enclosure	Enclosure	Enclosure	Enclosure		
20x16	I	A20P16	A20R166HCR	n/a	n/a	n/a		
20x20	I	A20P20	n/a	A20R208HCR	n/a	n/a		
24x20	I	A24P20	n/a	A24R208HCR	n/a	n/a		
24x24	I	A24P24	n/a	A24R248HCR	A24R2410HCR	n/a		
30x24	I	A30P24	n/a	A30R248HCR	A30R2410HCR	n/a		
36x24	I	A36P24	n/a	n/a	n/a	A36R2412HCR		
36x30	I	A36P30	n/a	n/a	n/a	A36R3012HCR		
42x30	I	A42P30	n/a	n/a	n/a	A42R3012HCR		
42x36		A42P36	n/a	n/a	n/a	A42R3612HCR		
48x36	I A48P36 n/a n/a n/a A48R3612HCR							
Options:	All Hoffman enclosure sizes and accessories are available. Please call for pricing.							



NEMA 4	Hinged, Flanged, Gasketed Cover. Type 4 Enclosures with external wall mount brackets and gray powder paint finish inside and out. Includes screw-clamp closure and hasp.							
EZ Panel H x W	Material Selection	Subpanel Number 6" Deep Enclosure 8" Deep Enclosure						
20x16	I	A20P16	A20H16ALP	A20H16BLP				
20x20	I	A20P20	A20H20ALP	A20H20BLP				
24x20	I	A24P20	A24H20ALP	A24H20BLP				
24x24	I	A24P24	A24H24ALP	A24H24BLP				
30x24	I	A30P24	A30H24ALP	A30H24BLP				
36x24	I	A36P24	A36H24ALP	A36H24BLP				
36x30	I	A36P30	n/a	A36H30BLP				
42x30	I	A42P30	n/a	A42H30BLP				
42x36	I	A42P36	n/a	A42H36BLP				
48x36	I	A48P36	n/a	A48H36BLP				
Options:	All Hoffman enclosure sizes and accessories are available. Please call for pricing.							



Enclosure Selection Guide

continued

NIENAA 12	Hinged, Flanged, Gasketed Cover. Type 12 Enclosures with external wall mount brackets						
NEMA 12	and gray powder paint finish inside and out. Includes screw-clamp closure and hasp.						
EZ Panel	Material Subpanel 6" Deep 8" Deep 10" Deep						
HxW	Selection	Number	Enclosure	Enclosure	Enclosure		
20x16	I	A20P16	A201606LP	A201608LP	A201610LP		
20x20		A20P20	A202006LP	A202008LP	A202010LP		
24x20	I	A24P20	A242006LP	A242008LP	A242010LP		
24x24		A24P24	A242406LP	A242408LP	A242410LP		
30x24	I	A30P24	A302406LP	A302408LP	A302410LP		
36x24	l	A36P24	A362406LP	A362408LP	A362410LP		
36x30	I	A36P30	A363006LP	A363008LP	A363010LP		
42x30	l	A42P30	n/a	A423008LP	A423010LP		
42x36	Ī	A42P36	n/a	A423608LP	A423610LP		
48x36	Ī	A48P36	n/a	A483608LP	A483610LP		
Options:	All Hoffman enclosure sizes and accessories are available. Please call for pricing.						



NEMA 4/12 CONCEPT		Hinged, Gasketed Cover. Type 4 and 12 Enclosures with gray powder paint finish inside and out. Mounting holes located on the back of the enclosure. Includes ¼ turn latch.				
EZ Panel H x W	Material Selection	Subpanel Number	6" Deep Enclosure	8" Deep Enclosure	10" Deep Enclosure	
20x16	С	CP2016	CSD20166	CSD20168	CSD201610	
20x20	С	CP2020	CSD20206	CSD20208	CSD202010	
24x20	С	CP2420	CSD24206	CSD24208	CSD242010	
24x24	С	CP2424	CSD24246	CSD24248	CSD242410	
30x24	С	CP3024	n/a	CSD30248	CSD302410	
36x24	С	CP3624	n/a	CSD36248	CSD362410	
36x30	С	CP3630	n/a	CSD36308	CSD363010	
42x30	С	CP4230	n/a	n/a	CSD423010	
42x36	С	CP4236	n/a	n/a	CSD423610	
48x36	С	CP4836	n/a	n/a	CSD483610	
Accessories:	Handle Loc	Handle Lock Kit: p/n CWHK (sold separately and requires field installation.)				
Options:	All Hoffman enclosure sizes and accessories are available. Please call for pricing.					



TERMS AND CONDITIONS

NOTICE:

Orders are accepted with the understanding that items will be billed at the price in effect on the day of order entry.

PLEASE INSPECT THE SHIPMENT IMMEDIATELY

Panel Fab, Inc. tries to ensure that your shipment has been made to the highest standards of quality. In the event that an error or damage occurs, the following procedure must be followed:

Any damage or loss incurred in transit is the responsibility of the carrier.

Damage/Loss

UPS or other Parcel Shipments

- 1. Notify freight carrier driver at time of delivery if any carton shows physical damage.
- 2. Notify Panel Fab customer service department @470-412-0173 within 5 days of delivery.
- 3. Retain the merchandise AND packing material for inspection by the carrier.

Common Carrier (truck) Shipments

- 1. Notify freight carrier driver at time of delivery if any carton or crate shows physical damage.
- 2. Notify Panel Fab customer service department @470-412-0173 within 5 days of delivery.
- 3. For common carrier claims, the carrier requires the recipient of the merchandise to file claims and receive reimbursement. Panel Fab, Inc. cannot file the claim and therefore cannot issue credit to your account. You must contact the carrier and file the claim directly to be reimbursed. Failure to follow these instructions may result in forfeiture of monies due to you.

CREDIT

New customers or accounts considered inactive are required to apply for credit in order to place an order. To apply for a credit account, please contact the Panel Fab customer service department, and a Credit Application will be provided to you. Credit Applications can be submitted via email to sales@panelfabricator.com.

TERMS

Net 30 day terms will be granted for all customers who have submitted a credit application. A 50% deposit may be required for custom panel projects.

PRICES

All prices are subject to change without notice. No deduction will be allowed at settlement. All orders are subject to a \$25.00 minimum.

WARRANTY

All merchandise is produced to standard and commercial tolerances. Panel Fab warranties products to be free from defects in workmanship and material. Warranties for panel components manufactured by others will carry that manufacturer's warranty. When Panel Fab has determined that a product or panel component is defective, they will, at their discretion, ship a replacement part or issue a credit to your account for the cost of the defective item. Warranty coverage does not cover any labor as required to troubleshoot, or replace defective components. Any return shipment to Panel Fab for completed panels or components will be done at the customer's expense. No other warranty is expressed or implied.

LIABILITY

The customer shall test and verify the suitability of the product for the intended use. No warranty for intended use is made. The customer assumes all risk and liability. Panel Fab's only obligation is replacement or credit for product proven defective. Panel Fab shall not be liable for any loss or damage from the use or inability to use the product.

RETURNED GOODS

DISCRETION. Do not return any merchandise for any reason without first calling our customer service department at 470-412-0173. All unauthorized returns will be refused at our dock. Stock items ordered in error may be returned at customer expense for credit within 30 days and are subject to a 20% restocking fee. EZ Panels may be returned at

ALL SALES ARE FINAL - RETURNS WILL BE AT PANEL FAB'S

customer expense for credit within 30 days and are subject to a 20% restocking fee. EZ Panels may be returned at customer expense for credit within 30 days and are subject to a 30% restocking fee. Returns over 30 days from invoice date will not be accepted. All returned items must be in resaleable condition. Please have our invoice number available when calling to request any return. Custom panels cannot be returned.

Note: Any products altered by the customer are not returnable.

Need a control panel?

Interested in becoming a distributor?

Contact us today!



PANEL FAB, INC.

Address: 10 Crosby Road, Dover NH 03820

Phone: 470-412-0173

Email: sales@panelfabricator.com

