



TYE MANUFACTURING CO. LTD

Load Centers and Panelboards



Durable and Robust



16-Gauge Galvanized Steel



**NEMA 1 and NEMA 3R
Configurations**



Standard and Customizable



Contact Us:

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- 2-4 Frederick Settlement Business Park, Frederick Settlement Caroni 510161, Trinidad & Tobago, W.I.

VISIT OUR WEBSITE

<https://tyett.com/>



LOAD CENTERS

Key Load Center Features:

- Constructed from 16-gauge galvanized steel
- Finished with powder coating - Textured Grey Polyester Outdoor ANSI 61
- Voltage rating: 240/120V
- All sub-breakers are plug-in type - Siemens QP circuit breakers
- Available in NEMA 1 and NEMA 3R configurations
- Indoor load centers are designed to accommodate top, bottom or side feed
- Weatherproof load centers are designed to accommodate bottom feed
- Custom sizes, amperages and NEMA types available upon request

LOAD CENTERS RATINGS 100A - 225A MAX. 240/120 VOLTS

Panel Product Codes - 1PH

Product Type	No. of Circuits	Bus Bar Amp	Phase	Panel Type
FL-PCDM	8	125A	1PH	-
	12			
	16			
	20	225A		W/P*
	32			
	40			

Product Code Example:

FL-PCDM12125 (see highlighted cells); Description - 125A, 1PH, NEMA 1, 12-Circuit Panel

Note: () - NEMA 1 (Indoor)

WP - NEMA 3R (Weatherproof)

Panel Product Codes - 3PH

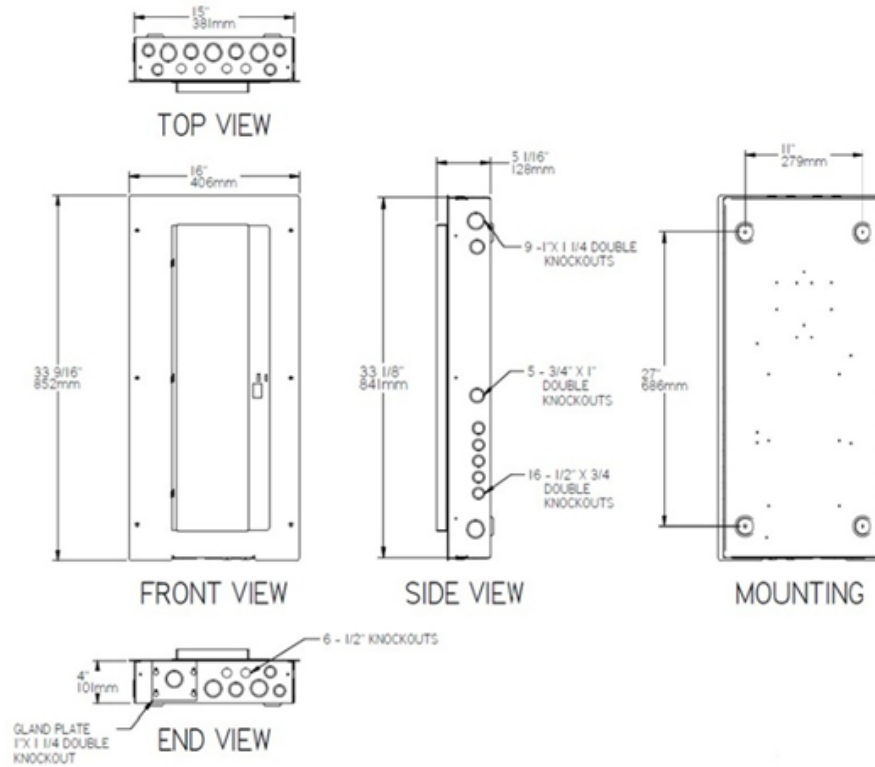
Product Type	Phase	No. of Circuits	Bus-Bar Amp	Panel Type	
FL-PCDM	3PH/4W	12	100A (40A, 50A, 63A, 80A, 100A)	-	
		18			
		24	125A (40A, 50A, 63A, 80A, 100A, 125A)		WP*
		30			
		42			
		24	225A (100A, 125A, 160A, 180A, 200A, 225A)		
		30			
		42			

Product Code Example:

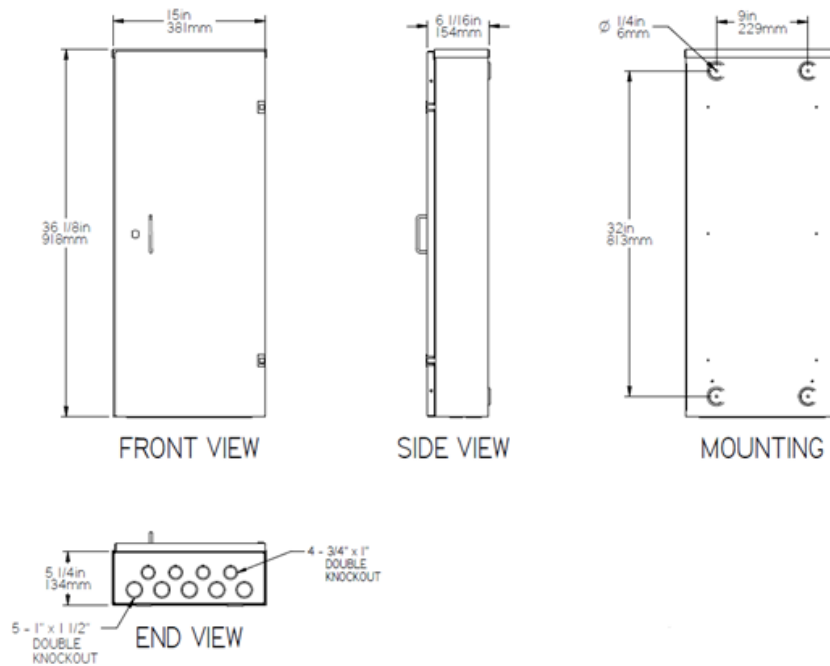
FL-PCDM412100W/P (see highlighted cells); Description - 100A, 3PH, NEMA 3R, 12-Circuit Panel

Circuit Breaker Configurations

NEMA TYPE	CIRCUITS	BUS BAR RATINGS	MAIN BREAKER	SUB-BREAKERS		
				1P	2P	3P
SINGLE PHASE INDOOR	8	125A	32A, 40A, 50A, 63A, 80A, 100A, 125A	15A, 20A, 25A, 30A, 40A, 45A, 50A, 60A, 70A	15A, 20A, 25A, 30A, 40A, 45A, 50A, 60A, 70A, 80A, 90A, 100A, 125A	-
	12					
	16					
	20	225A	100A, 125A, 160A, 180A, 200A, 225A			
	32					
	40					
SINGLE PHASE WEATHERPROOF	8	125A	32A, 40A, 50A, 63A, 80A, 100A, 125A			
	12					
	16					
	20	225A	100A, 125A, 160A, 180A, 200A, 225A			
	32					
	40					
THREE PHASE INDOOR	12	100A	32A, 40A, 50A, 63A, 80A, 100A, 125A	15A, 20A, 25A, 30A, 40A, 45A, 50A, 60A, 70A	15A, 20A, 25A, 30A, 40A, 45A, 50A, 60A, 70A, 80A, 90A, 100A, 125A	15A, 20A, 25A, 30A, 40A, 45A, 50A, 60A, 70A, 80A, 90A, 100A
	18					
	24	125A				
	42					
	24	225A	100A, 125A, 160A, 180A, 200A, 225A			
	30					
	42					
THREE PHASE WEATHERPROOF	12	100A	32A, 40A, 50A, 63A, 80A, 100A, 125A			
	18					
	24	225A	100A, 125A, 160A, 180A, 200A, 225A			
	30					
	42					



NEMA 1 Load Center Dimensions



NEMA 3R Load Center Dimensions

PANELBOARDS

Key Load Center Features:

- Constructed from 16-gauge galvanized steel
- Finished with powder coating - Textured Grey Polyester Outdoor ANSI 61
- Bus bar ratings: 250A, 400A, 630A, 800A
- All sub-breakers are bolt-on type
- Various options available for main circuit breakers depending on project requirements
- Available in NEMA 1 and NEMA 3R configurations

Main and Sub-Breaker Ranges

Schneider Electric ComPacT NSX breaker - 1P, 2P and 3P

Schneider Electric EasyPact CVS breaker - 3P

Schneider Electric ComPacT NS breaker - 3P

Himel HDM breaker - 3P

Siemens BL, BLH and BQD breaker - 1P, 2P and 3P

PANELBOARDS RATINGS MAX. 400A

Panel Product Codes

Product Type	Phase	No. of Circuits	Bus-Bar Amp	Panel Type
FP-S2	3PH/4W	18	2F*	-
		30		
		42		
		54*		
		66*	4F*	W/P*
		30		
		42		
		54*		
		66*		

Product Code Example:

FP-S2-430-2F (see highlighted cells); Description - 250A, 3 Phase 4 Wire, NEMA-1, 30-Circuit Panel

FP-S2-430-2F W/P (Weatherproof Model)

Note: 2F- 250A
4F - 400A
() - NEMA 1 (Indoor)
W/P - NEMA 3R (Weatherproof)
* 54 and 66 circuit , 250A & 400A - 3PH upon request

- 1PH, 250A available in 18, 30, 42, 54, 66 circuit upon request
- 1PH, 400A available in 30, 42, 54, 66 circuit upon request
- Main lug offering for all options as stated above based on request

Main and Sub-Breakers

Bus Bar Rating	Main Breaker			Sub-Breaker	
	Up to 415V	240/120V	480/277V	240/120V	480/277V
	Fixed Trip	Adjustable Trip			
250	HDM	CVS	NSX	BL, BLH	BQD
400	HDM	CVS	NSX	BL, BLH	BQD

Adjustable Trip - Schneider Electric CVS and NSX Circuit Breakers

NEMA TYPE	CIRCUITS	BUS BAR RATINGS	MAIN BREAKER ADJ TRIP 240/120V	MAIN BREAKER 480/277V
			CVS	NSX
THREE PHASE INDOOR	18	250A	16A-250A	16A-250A
	30			
	42			
THREE PHASE WEATHERPROOF	18			
	30			
	42			
THREE PHASE INDOOR	30	400A	280A/320A/360A/400A	160A/180A/200A/230A/ 250A/280A/320A/360A/ 400A
	42			

Fixed Trip - Himel HDM Circuit Breaker

NEMA TYPE	CIRCUITS	BUS BAR RATINGS	MAIN BREAKER FIXED TRIP (UP TO 415V)
			HDM
THREE PHASE INDOOR	18	250A	100A, 125A, 160A, 180A, 200A, 225A, 250A
	30		
	42		
THREE PHASE WEATHERPROOF	18		
	30		
	42		
THREE PHASE INDOOR	30	400A	250A, 315A, 350A, 400A
	42		

Siemens BL, BLH and BQD Sub-Breakers

Bolt-On Sub Breakers 240/120V			Bolt-On Sub Breakers 480/277V		
1P	2P	3P	1P	2P	3P
10A, 15A, 20A, 25A, 30A, 40A, 50A, 60A, 70A	10A, 15A, 20A, 25A, 30A, 40A, 50A, 60A, 70A, 80A, 90A, 100A, 110A, 125A	15A, 20A, 25A, 30A, 40A, 50A, 60A, 70A, 80A, 90A, 100A	15A, 20A, 25A, 30A, 35A, 40A, 50A, 60A, 70A, 80A, 90A, 100A	15A, 20A, 25A, 30A, 35A, 40A, 50A, 60A, 70A, 80A, 90A, 100A	15A, 20A, 25A, 30A, 35A, 40A, 50A, 60A, 70A, 80A, 90A, 100A

Interrupting Capacity Ratings

Interruption ratings

Breaker Type	No. of Poles	Ampere Rating	UL A.I.R. (kA) RMS Symmetrical Amperes		
			Volts AC (50/60 Hz)		
			120	120/240	240
BL	1	10 - 70	10	10	
	2*	15 - 100			10
	2	10 - 125		10	
	3	10 - 100			10
BLH	1	15 - 70	22	22	
	2	15 - 125		22	
	3	15 - 100			22

Ratings and markings (UL 489 AIR interrupting ratings)

Breaker Type	RMS symmetrical amperes (kA)			
	Volts (50/60Hz)			
	120	240	277	480/277
BQD/CQD	65	65	14	14

Siemens Circuit Breakers - Bolton



BL and BLH Circuit Breakers



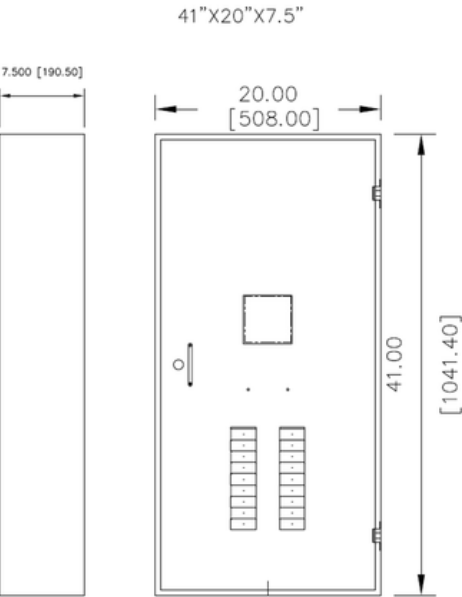
BQD Circuit Breakers

S2 Panel - 42 Circuit

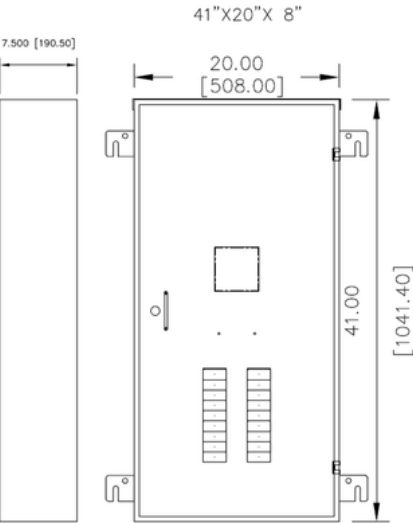


S2 Panel - 250A 18 Cir In & W/P

FP-S2-418-2F

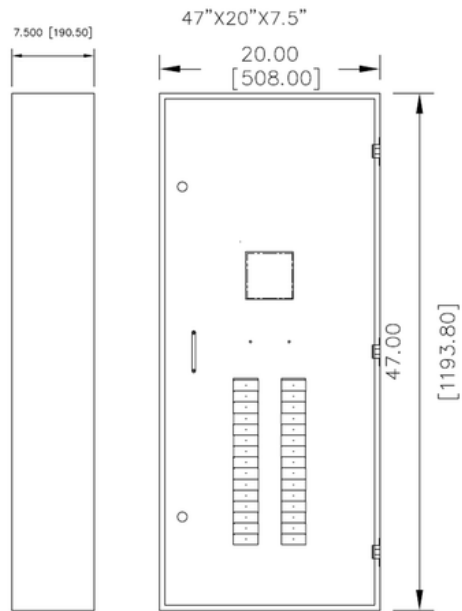


FP-S2-418-2F-W/P

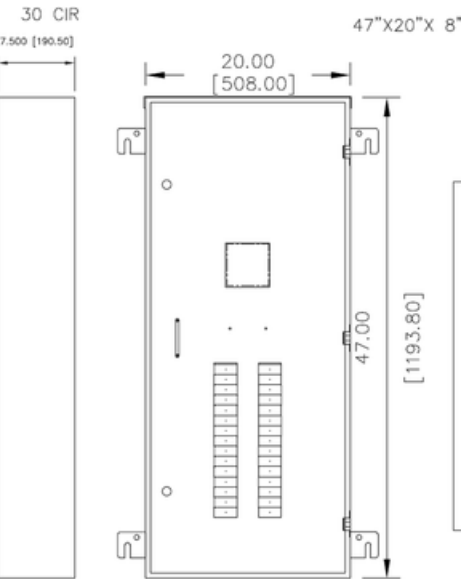


S2 Panel - 250A 30 Cir In & W/P

FP-S2-430-2F

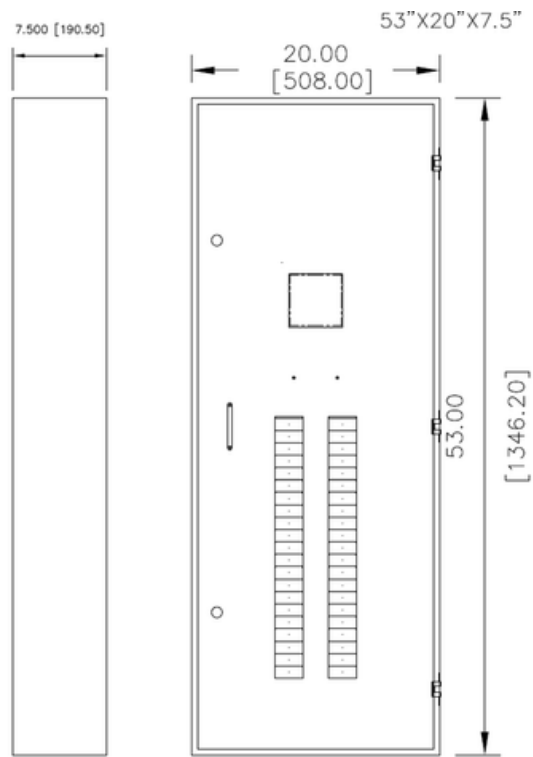


FP-S2-430-2F-W/P

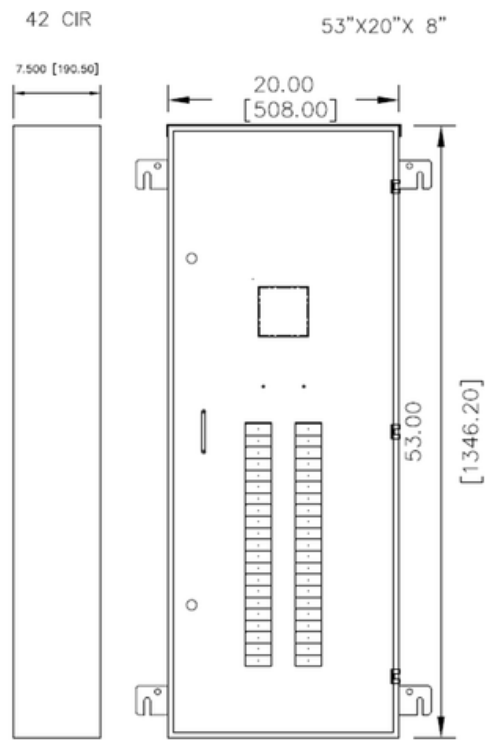


S2 Panel - 250A 42 Cir In & W/P

FP-S2-442-2F

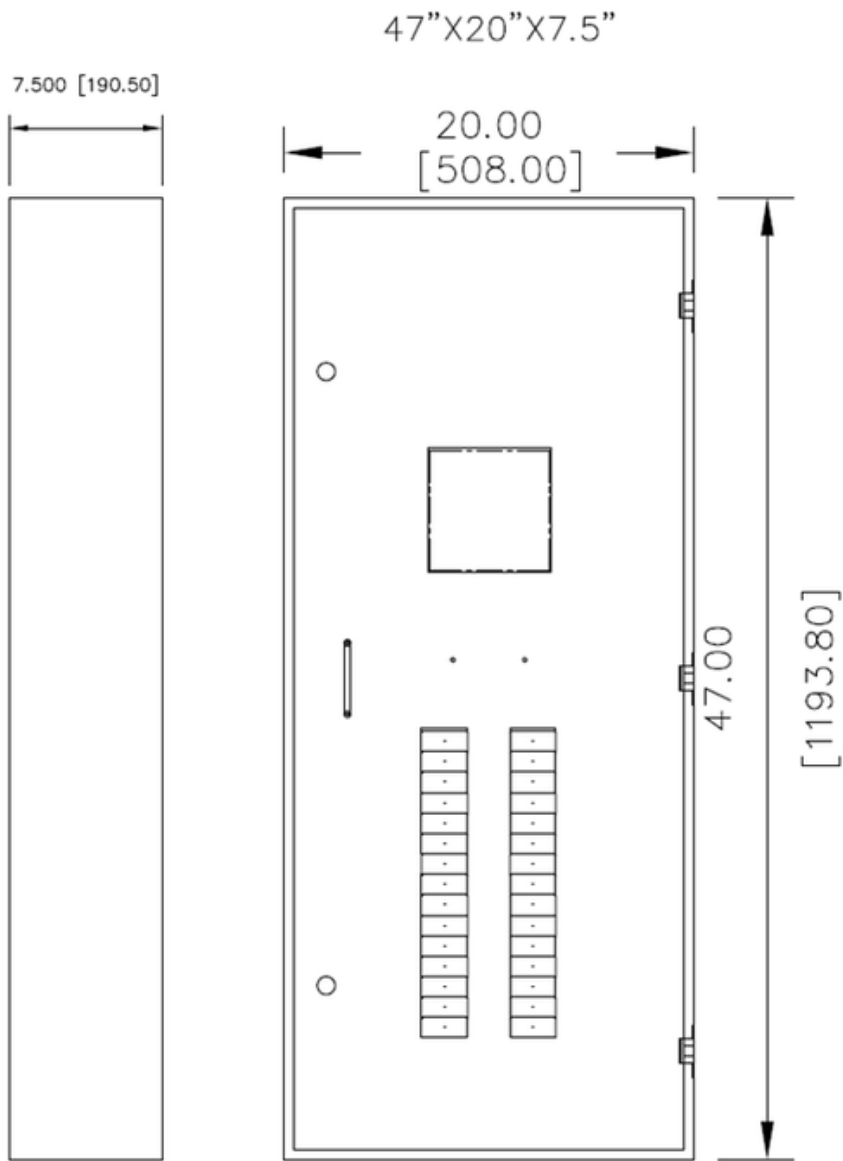


FP-S2-442-2F-W/P



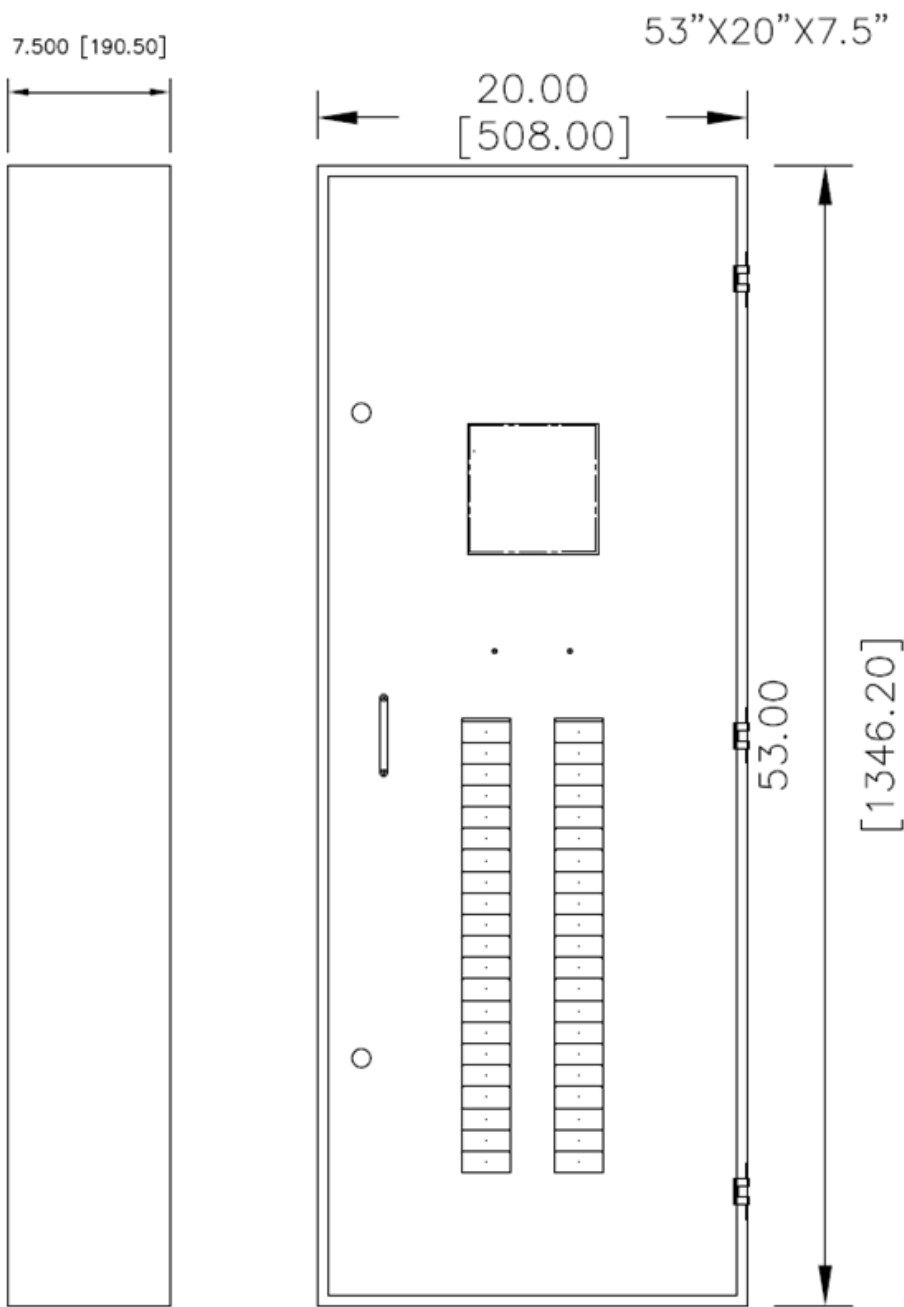
S2 Panel - 400A 30 Cir In

FP-S2-430-2F



S2 Panel - 400A 42 Cir In

FP-S2-442-2F



PANELBOARDS RATINGS MAX. 800A

Panel Product Codes

Product Type	Bus-Bar Amp	Phase	No. of Circuits	Panel Type
FP-NS	250	3PH/4W	24	IN*
	400		30	
	630		42	3R*
	800		-	

Product Code Example:

FP-NS400-430-3R (see highlighted cells); Description - 400A, 3Phase 4 Wire, NEMA 3R, 30-Circuit Panel

Note: IN - NEMA 1 (Indoor)

3R - NEMA 3R (Weatherproof)

Main lug offering for all options as stated above based on request

Main and Sub-Breakers

Bus Bar Rating	Main Breaker		Sub-Breaker	
	240/120V	480/277V	240/120V	480/277V
			16A-250A	
250	CVS	NSX	1P - NSX 2P - NSX 3P - CVS	NSX
400	CVS	NSX	1P - NSX 2P - NSX 3P - CVS	NSX
630	CVS	NSX	1P - NSX 2P - NSX 3P - CVS	NSX
800	NS	NS	1P - NSX 2P - NSX 3P - CVS	NSX

NEMA TYPE	CIRCUITS	BUS BAR RATINGS	MAIN BREAKER ADJ TRIP 240/120V	MAIN BREAKER 480/277V	Bolt-On Sub Breakers 240/120V			
					1P	2P	3P	
					Fixed Trip	Fixed Trip	Adj Trip	0.7-1 In
THREE PHASE INDOOR	24	250A	16A-250A	16A-250A	16A,20A,25A,30 A,40A,50A,63A, 80A,100A,125A, 160A	16A,20A,25A,30 A,40A,50A,63A, 80A,100A,125A, 160A	16A	11A,13A,14A,16A
	30							
	42							
	24	400A	280A/320A/360A/400A	160A/180A/200A/230A/ 250A/280A/320A/360A/ 400A			25A	18A,20A,22A,23A,25A
	30							
	42						32A	22A,26A,29A,32A
	24	630A	420A/480A/540A/600A	250A/280A/320A/350A/ 400A/450A/500A/570A/ 630A			40A	28A,32A,36A,40A
	30							
	42							
	24	800A	320A/400A/480A/560A /640A/720A/760A/784A /800A	320A/400A/480A/560A/ 640A/720A/760A/784A/ 800A			50A	35A,40A,45A,50A
	30							
	42						63A	44A,50A,57A,63A
THREE PHASE WEATHERPROOF	24	250A	16A-250A	16A-250A			80A	56A,64A,72A,80A
	30							
	42						100A	70A,80A,90A,100A
	24	400A	280A/320A/360A/400A	160A/180A/200A/230A/ 250A/280A/320A/360A/ 400A			125A	88A,100A,113A,125A
	30							
	42						160A	112A,128A,144A,160A
	24	630A	420A/480A/540A/600A	250A/280A/320A/350A/ 400A/450A/500A/570A/ 630A			200A	140A,160A,180A,200A
	30							
	42						250A	175A,200A,225A,250A
	24	800A	320A/400A/480A/560A /640A/720A/760A/784A /800A	320A/400A/480A/560A/ 640A/720A/760A/784A/ 800A				
	30							
	42							

NEMA TYPE	CIRCUITS	BUS BAR RATINGS	MAIN BREAKER ADJ TRIP 240/120V	MAIN BREAKER 480/277V	Bolt-On Sub Breakers 480/277V			
					1P	2P	3P	
					Fixed Trip	Fixed Trip	Adj Trip	0.7-1 In
THREE PHASE INDOOR	24	250A	16A-250A	16A-250A	16A,20A,25A,30A, 40A,50A,63A,80A ,100A,125A,160A	16A,20A,25A,30A, 40A,50A,63A,80A, 100A,125A,160A	16A	11A,13A,14A,16A
	30						25A	18A,20A,22A,23A,25A
	42							
	24	400A	280A/320A/360A/ 400A	160A/180A/200A/ 230A/250A/280A/ 320A/360A/400A			32A	22A,26A,29A,32A
	30							
	42							
	24	630A	420A/480A/540A/ 600A	250A/280A/320A/ 350A/400A/450A/ 500A/570A/630A			40A	28A,32A,36A,40A
	30							
	42							
	24	800A	320A/400A/480A/ 560A/640A/720A/ 760A/784A/800A	320A/400A/480A/ 560A/640A/720A/ 760A/784A/800A			50A	35A,40A,45A,50A
	30							
	42							
THREE PHASE WEATHERPROOF	24	250A	16A-250A	16A-250A	16A,20A,25A,30A, 40A,50A,63A,80A ,100A,125A,160A	16A,20A,25A,30A, 40A,50A,63A,80A, 100A,125A,160A	80A	56A,64A,72A,80A
	30						100A	70A,80A,90A,100A
	42							
	24	400A	280A/320A/360A/ 400A	160A/180A/200A/ 230A/250A/280A/ 320A/360A/400A			125A	88A,100A,113A,125A
	30							
	42							
	24	630A	420A/480A/540A/ 600A	250A/280A/320A/ 350A/400A/450A/ 500A/570A/630A			160A	112A,128A,144A,160A
	30							
	42							
	24	800A	320A/400A/480A/ 560A/640A/720A/ 760A/784A/800A	320A/400A/480A/ 560A/640A/720A/ 760A/784A/800A			200A	140A,160A,180A,200A
	30							
	42							



EasyPact CVS



Compact NSX



HDM3100N



HDM3250N



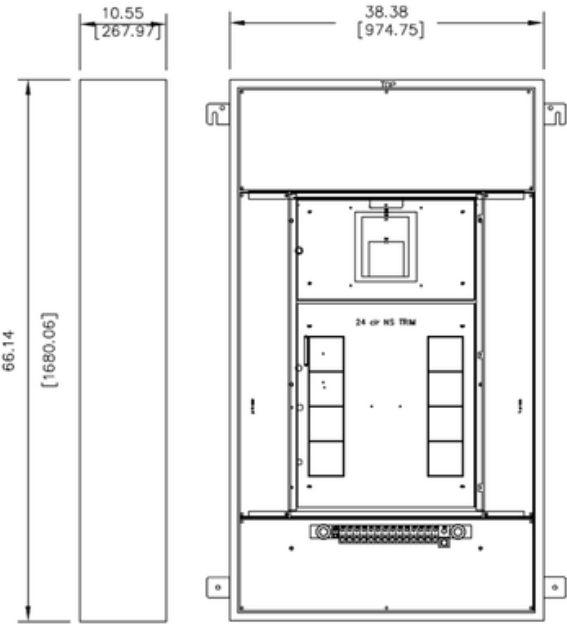
HDM3V125C



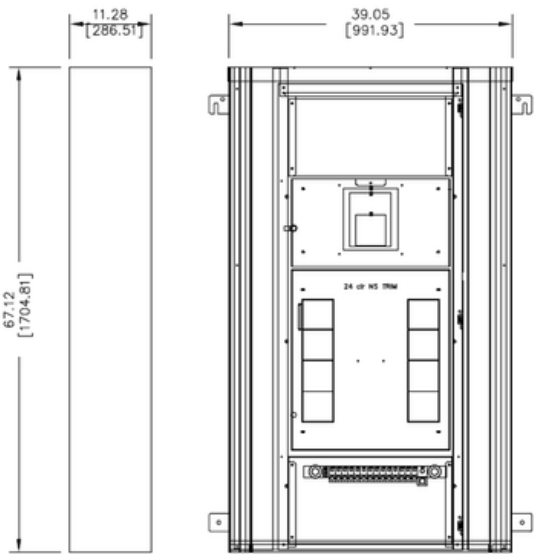
HDM3V250S

NS Panel - 24 Cir 250A & 400A

FP-NS250-424-IN
FP-NS400-424-IN

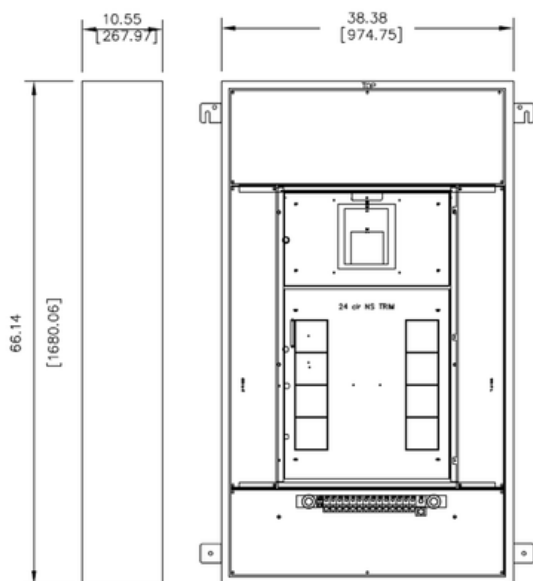


FP-NS250-424-3R
FP-NS400-424-3R

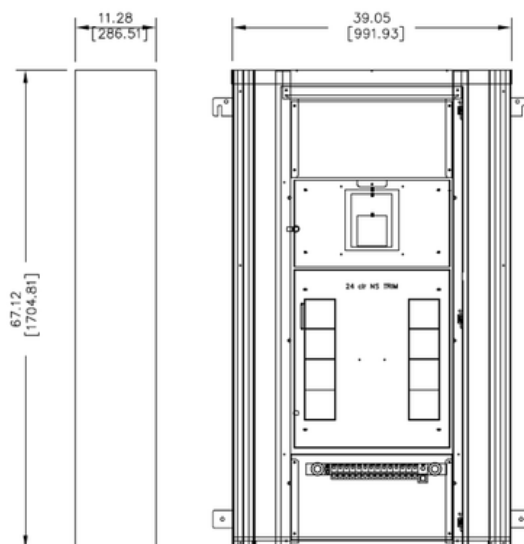


NS Panel - 24 Cir 630A & 800A

FP-NS630-424-IN
FP-NS800-424-IN

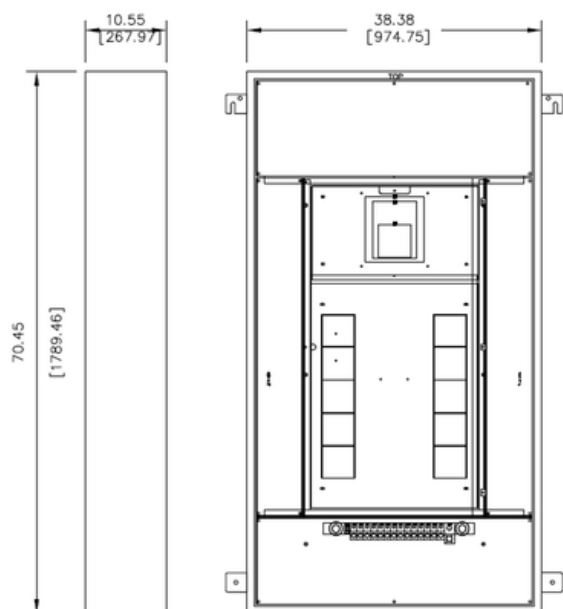


FP-NS630-424-3R
FP-NS800-424-3R

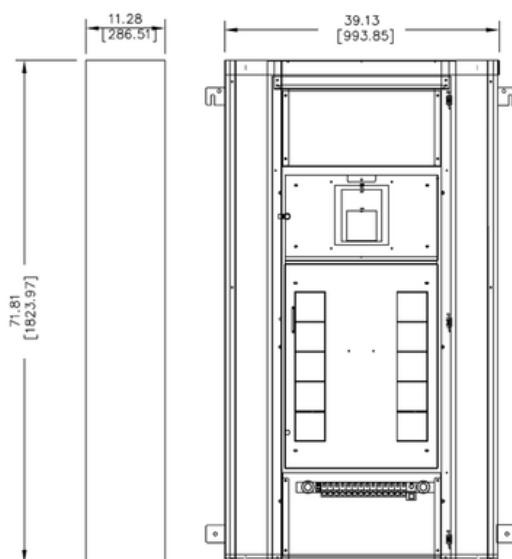


NS Panel - 30 Cir 250A & 400A

FP-NS250-430-IN
FP-NS400-430-IN

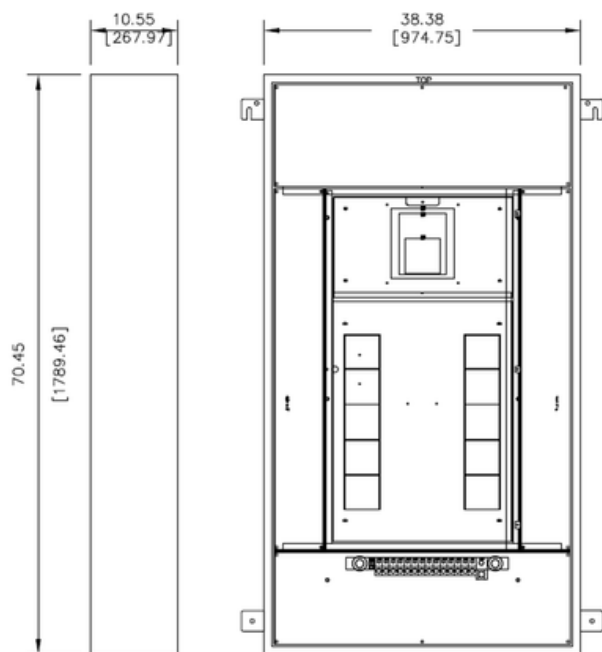


FP-NS250-430-3R
FP-NS400-430-3R

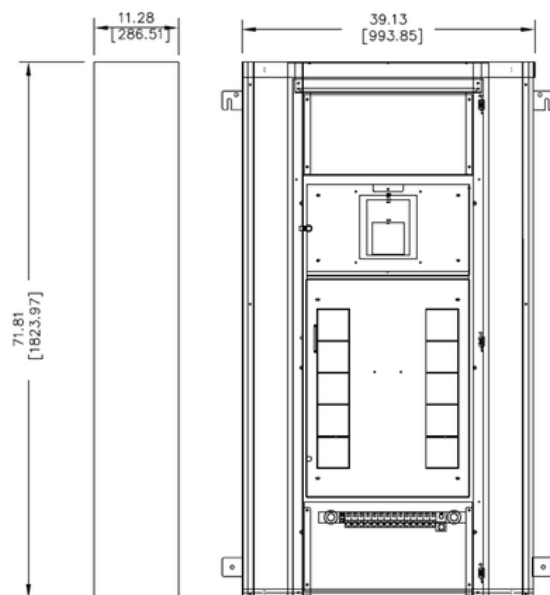


NS Panel - 30 Cir 630A & 800A

FP-NS630-430-IN
FP-NS800-430-IN

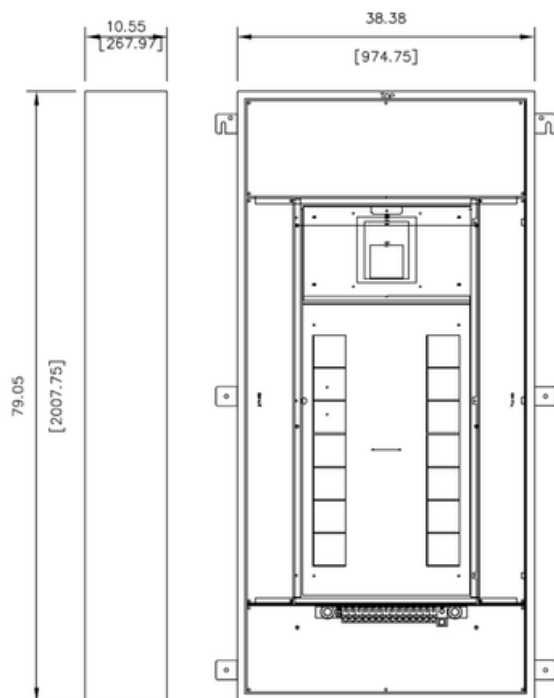


FP-NS630-430-3R
FP-NS800-430-3R

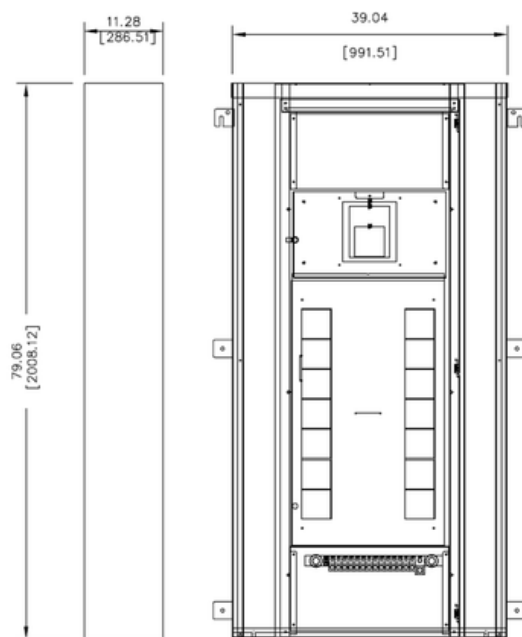


NS Panel - 42 Cir 250A & 400A

FP-NS250-442-IN
FP-NS400-442-IN

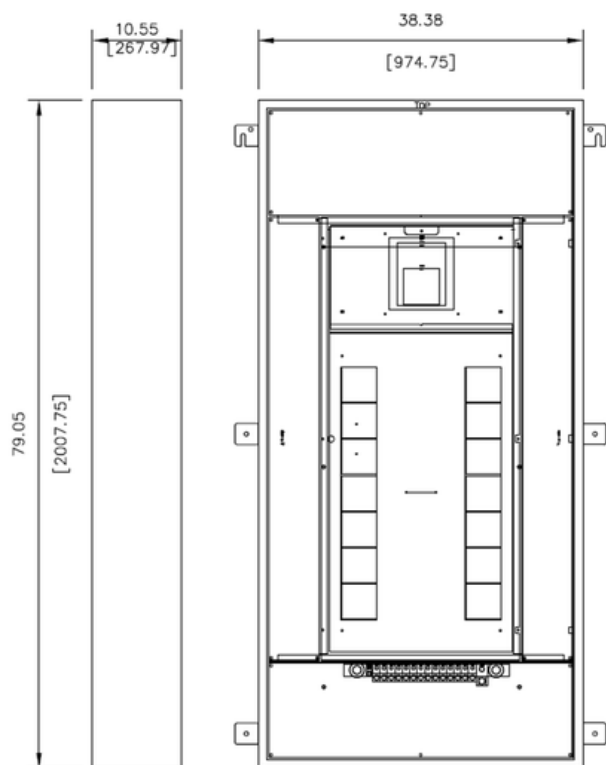


FP-NS250-442-3R
FP-NS400-442-3R



NS Panel - 42 Cir 630A & 800A

FP-NS630-442-IN
FP-NS800-442-IN



FP-NS630-442-3R
FP-NS800-442-3R

