



S4XPB & S4XPBH Series Panel Boards

The S4XPB & S4XPBH Series of Industrial Stainless Steel Panel Boards, designed for low-voltage applications, represent the perfect answer to corrosive and demanding environments. The S4XPB Nema 4X Panel Board guarantees straightforward installation, NEMA 4X-rated protection, extended product longevity, and is constructed using field-proven Eaton Crouse Hinds XLVS Ex-CELL enclosures, known for their exceptional quality.





S4XPB and S4XPBH

Series Panel Boards

EATON

BY **SP/KE**
ELECTRIC CONTROLS



Certifications & Compliances:

- NEMA 1, 3, 3R, 4, 4X, 12
- NEMA PB1
- UL508A Listed / cUL Certified*
- UL67 components
- UL489/C22.2 No. 5 circuit breakers

Panel Capacity:

With Main Breaker 120/208V (3P 4W)
120/240V (1P 3W) 277/480V (3P 4W)*
347/600V (3P 4W) 480V (3P 3W) 277/480V
(3P 4W) 600V (3P 3W) 347/600 (3P 4W)
Panel Size with Main Lug 2-Pole 3-Pole

Main Capacity:

With Main Breaker 120/208V (3P 4W)
120/240V (1P 3W) 277/480V (3P 4W)*
347/600V (3P 4W) 480V (3P 3W) 277/480V
(3P 4W) 600V (3P 3W) 347/600 (3P 4W)
Panel Size with Main Lug 2-Pole 3-Pole

Standard Materials and Finishes:

- SS316 quarter
- Stainless steel hardware
 - Stainless Steel Enclosed Panelboard-Type 4X, 12 & 13
- Industrial dead-front cover.
- Eaton Cutler-Hammer™ circuit breakers.
- Eaton Pow-R-Line™ chassis.
- High integrity foam-in-place gasket.
- Painted sheet steel or 316L stainless steel.
- Padlocking is available for each individual breaker in the "on" or "off" position with the lock plate.

* Unless otherwise noted, this product(s) does not include UL Listing and is only built to the standards. UL Listing can be provided as an adder if requested. UL Listing either must be applied at the factory by Spike or by Spike and UL representative in the field.



Applications:

- S4XPB Stainless Steel Panel Boards are ideally installed or utilized:
- In locations affected by dampness, weather or that require washed down
- In areas where there are problems with dust, moisture, corrosion and rough usage.
- In areas that have become corroded as a result of exposure to moisture, salt water and/or chemicals.

S4XPB Stainless Steel Panel Boards are also useful for:

- Housing thermal-magnetic circuit breakers that provide thermal time delay overload protection from short circuits as well as a circuit disconnect means.
- Circuit protection and branch power distribution of heat tracing receptacles, lighting, pumps, valves, motors, valves, pumps, lighting, etc.
- S4XPB Stainless Steel Panel Boards can be used both indoors and outdoors.

Product Details:

S4XPB Stainless Steel Panel Boards offer easy installation, NEMA 4X protection and long product life. Built with our field-proven, high quality, Eaton Crouse Hinds XLVS Ex-CELL enclosures, S4XPB Stainless Steel Panel Boards are an ideal, low-voltage power distribution panel for corrosive and harsh applications.

- S4XPBH External Breaker Handles – are aluminum handles with stainless steel bushings and shafts. (Factory can be consulted for stainless steel handle option). Gaskets, sealing nuts and v-ring seals, are provided for a water tight seal. Spring loaded handles ensure that the door can be closed regardless of the breaker toggle position. EPD/GFI handles include external test capabilities are colored green.
- "Main" Nameplate included with Back Fed Main Breaker Assemblies
- Breaker amperages, the circuit number and breaker position is identified with individual operating labels off, on, tripped).
- Padlocking is available for each individual breaker in the "on" or "off" position with the lock plate.

Electrical Ratings:

- Isolated neutral and ground bars
- 65kAIC
- 12, 18, 24, and 60 circuit panels
- Main breakers up to 225 amps
- 120/208, 240, 277/480, 480, and 347/600, 600 voltage panels
- 100, 225, 400, 600, amp rated chassis

Standard Materials:

Body and cover – copper-free aluminum

- Clamp – anodized copper-free aluminum
- External hardware – stainless steel
- Internal parts – galvanized steel



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Mounting Options:

- Enclosure is mounted using four heavy duty, 3mm thick, surface welded stainless steel lugs
- Bottom lugs are slotted for ease of mounting, providing a secure, reliable means of mounting the enclosure
- Available in vertical (North American) or horizontal (metric) positions

Improved Sealing:

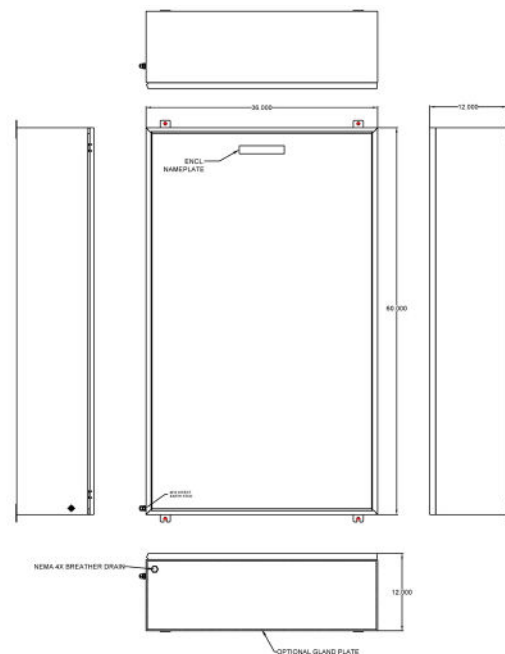
- Available with up to 4 gland plates (3mm thick) on each side
- Five possible combinations of 0, 1, 2, 3 or 4 gland plates available
- Gland plates secured via riveted nutserts for improved sealing

One-Piece Gasket:

- High integrity one-piece silicone sealing gasket provides an IP66 rating and excellent recovery and re-sealing properties for continuous environmental protection

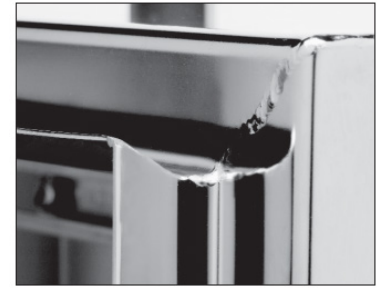
Earth/Ground Stud Assembly

- External and internal stainless steel earth/ground stud assembly enables rapid and reliable protective earth/ground connection
- Mounted on the side of the enclosure for ease of access



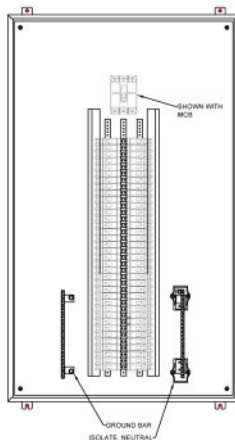
Integral drainage channel

- Integral drainage channel prevents liquids or other solid contaminants from running in or falling into the enclosure when the door is opened
- Minimizes gasket path contamination



# Poles	Amps	Main Breaker				
		Dimension in inches				
		A	B	C	D	E
12	100	24	20	8	25.5	18.5
18	100	36	24	8	37.5	22.5
24	100/225	36	24	8	37.5	22.5
30	225	48	24	8	49.5	22.5
36	225	48	24	8	49.5	22.5
42	225	48	24	8	49.5	22.5
42	400	60	24	8	61.5	22.5
42	600	60	24	8	61.5	22.5

# Poles	Amps	Main Lug Only				
		Dimension in inches				
		A	B	C	D	E
12	100	16	20	8	16	18.5
18	100	24	20	8	25.5	18.5
24	100/225	24	20	8	25.5	18.5
30	225	24	20	8	25.5	18.5
36	225	36	24	8	37.5	22.5
42	225	36	24	8	37.5	22.5
42	400	60	24	8	61.5	22.5
42	600	60	24	8	61.5	22.5



72 CKT, 225AMP NEMA 4X CB HNDL PANELBOARD
VERTICAL MAIN

42CKT, 400-600A



Ⓒ When terminal blocks or approved Class I, Division 2 devices are installed within the enclosure in accordance with NEC/CEC requirements. These enclosures are NOT explosion-proof & will NOT contain an explosion. Installation of arcing & sparking devices which are not Class I, Division 2 rated or higher is NOT PERMITTED

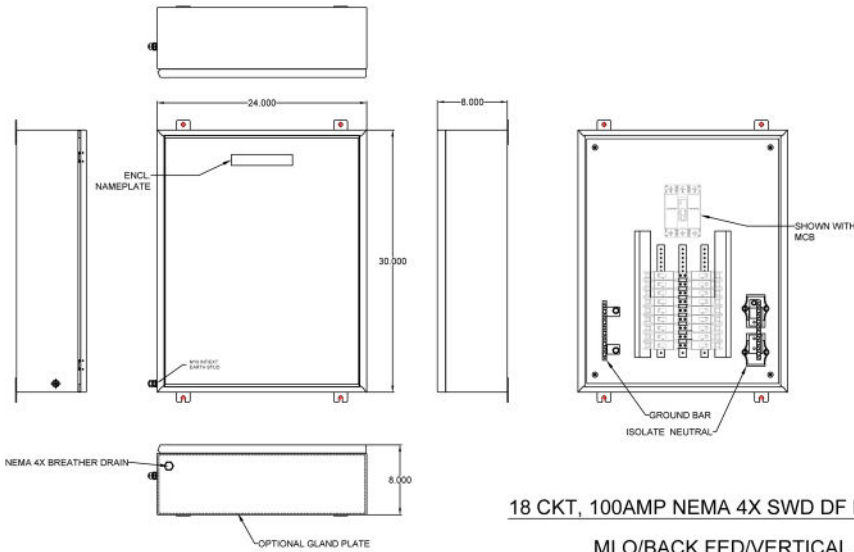


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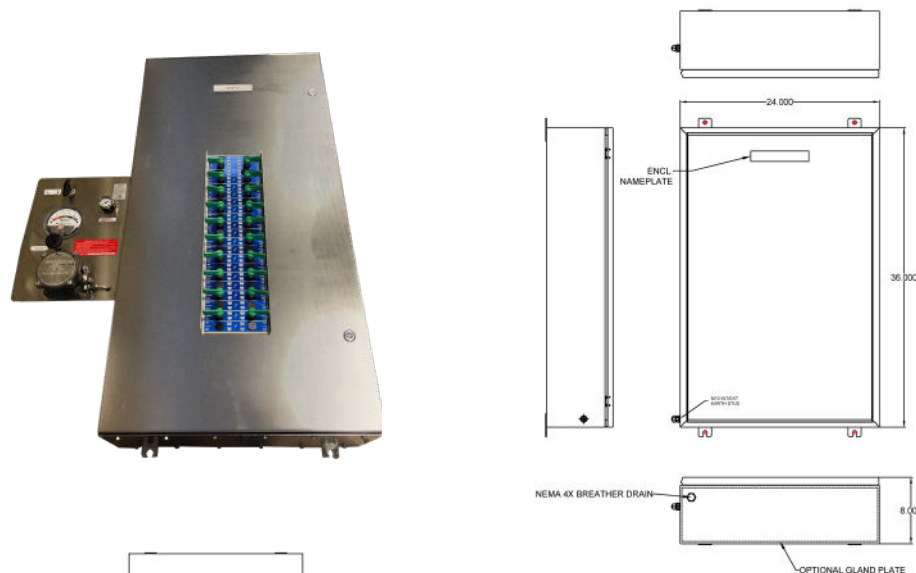
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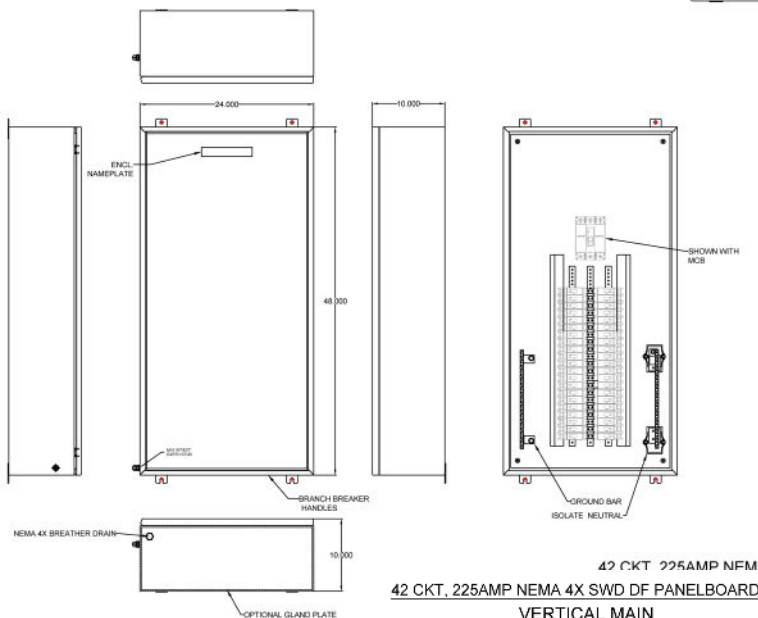
18 CT, 100AMP NEMA 4X SWD DF PANELBOARD

MLO/BACK FED/VERTICAL MAIN



24 CT, 100/225AMP NEMA 4X SWD DF PANELBOARD

VERTICAL MAIN



42 CT, 225AMP NEMA 4X SWD DF PANELBOARD
VERTICAL MAIN



Green Energy Efficient: These S4XPB & S4XPBH Series Industrial Stainless Steel Panel Boards excel in green energy efficiency. Through optimized electrical distribution and reliable components, they reduce energy waste, minimizing the environmental footprint. With features like NEMA 4X protection and long product life, these panel boards enhance the sustainability of industrial operations by ensuring uninterrupted performance while conserving energy resources.



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Catalog Number System

S4XPB V1 18 3 B1 100 BF - 8GF130 8120 1115 W BD

Catalog Prefix

Dead front swing panel S4XPB

External Breaker Handles
S4XPBH

Voltage

120/208	V1
120/240	V2
277/480	V3
480	V4

Circuits

12
18
24
30
36
42
72

Voltage System

1 Phase, 3 Wire	1
3 Phase, 4 Wire	2
3 Phase, 3 Wire	3

*1 phase, 3 wire only
available @ 120/240V

Bus Rating

100A	B1
225A	B2
400A	B3
600A	B4
1200A	B5

Main Lugs Only or Main Circuit Breaker

30A-30	225A-225
50A-50	250A-250
60A-60	300A-300
70A-70	350A-350
100A-100	400A-400
125A-125	500A-500
150A-150	600A-600

Line Power Entry

Top Feed TF

Bottom Feed BF

Branch Breaker

Type	Poles	Amps
GFI G	1	
EPD EP	2	See Below
	3	

*Note: for standard breaker, there will be no
breaker type prefix. Insert comma after each
breaker configuration

Branch Breakers

120/240 - 120/208V				277/480V		
type	poles	amps		type	poles	amps
Standard BAB	1	10-70, 100A		GHB	1	15-100A
	2	10-125A			2	15-100A
	3	10-100A			3	15-100A
	1	15-40A				
	2	15-50A				
	1	15-40A				
	2	15-50A				

Accessories

Enclosure

Stainless Gland Plate	A1
Painted N4 Gland Plate	A2
Breather & Drain	A3
Drain Only	A4

Electrical

External Indication Light Tripped Main	E1
External Indication Light On Main	E2
External Indication Light Off Main	E3
30A Industrial Control Relay	E4

Other Accessories upon Request

Pad Lockable Enclosure Handle	O1
Surge Protection Device	O2
Shunt On Main	O3
Shunt on Branches	O4

