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Modlink Panel Interface Connectors

Overview

Murrelektronik Modlink Panel Interface Connectors (PIC) allows you the ability to connect to controls such as a PLC or other control devices from outside a closed control cabinet without having to open the cabinet and potentially exposing live voltages. This can eliminate an unsafe environment or having to add additional arc flash protection requirements while working inside a control cabinet. The Modlink Panel Interface Connection system is a modular system that allows you to pick the frame, inserts and other options like the touch protection guard to create a custom data and power interface connection that meets your application needs.

Features

- Available in transparent, metallic, or gray for different machine designs
- Large variety of inserts allowing many possible combinations
- Covers have an integrated spring which makes it easy to tell if it has been left open
- Locking mechanism
- Identification tag on each insert

Agency Approvals

- UL Type Rating 1, 4, 4x, 12, 13
- IP65 protection outside
- IP20 inside with touch protection guard
- cULus, cURus
- CE



Modlink Panel Interface Connectors

Putting Modlink Panel Interface Connectors Together

STEP 1

Select the insert(s) to fit your application needs



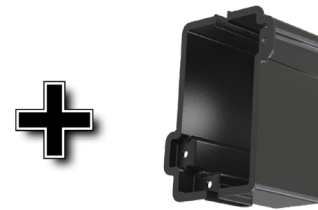
STEP 2

Select the frame to fit one or two inserts

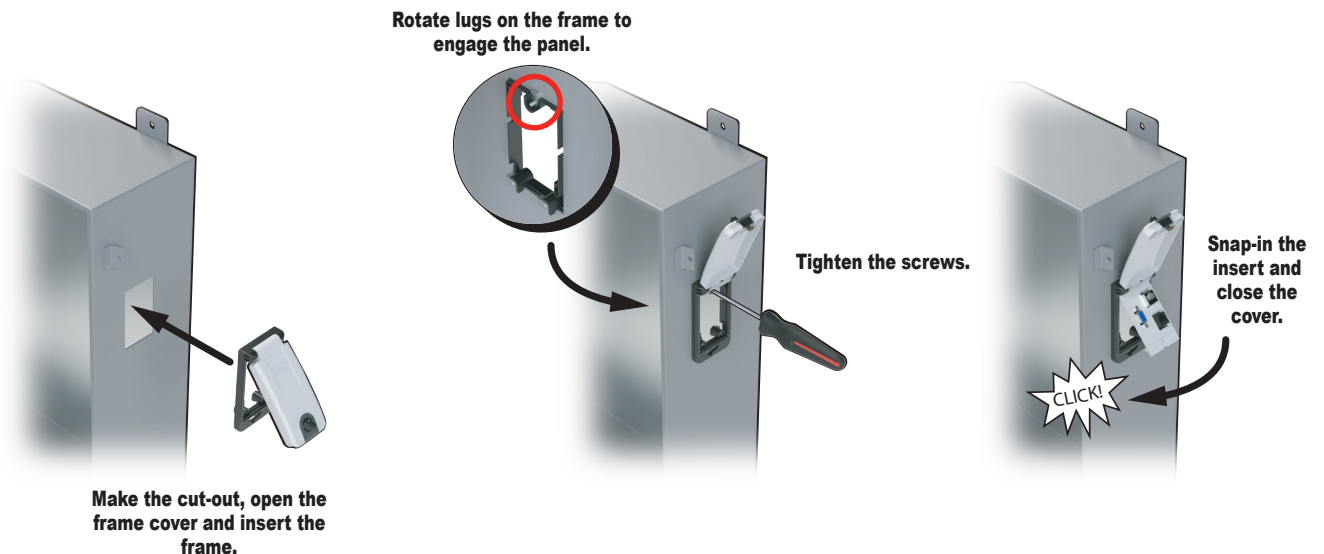


STEP 3

Add touch protection cover (optional)

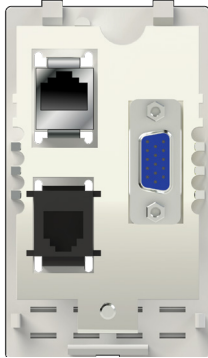
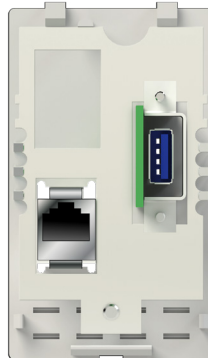


Installing Modlink Panel Interface Connectors is Easy



Modlink Panel Interface Connectors

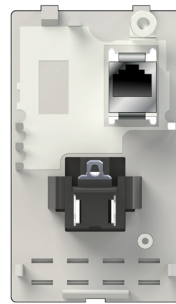
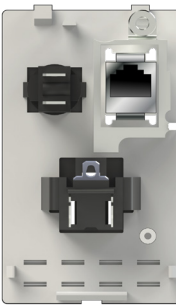
Modlink Panel Interface Connectors - Inserts

Modlink Panel Interface Connectors Inserts Selection Table							
Inserts							
Part Number	Price	Exterior Connections	Exterior Photo	Interior Connections	Interior Photo	Weight	Drawing Link
4000-68000-1040000	\$06670:	(1) RJ45 Cat5e (1) Female 15-pin D-sub HD15 (2) Female USB-A		(1) RJ45 Cat5e (1) Male 15-pin D-sub HD15 (2) Female USB-A		75g [0.16 lb]	PDF
4000-68000-1120000	\$6671:	(1) RJ45 Cat5e (1) Female 9-pin D-sub (1) RJ12		(1) RJ45 Cat5e (1) Female 9-pin D-sub (1) RJ12		37g [0.08 lb]	PDF
4000-68000-1210000	\$6672:	(1) RJ45 Cat5e		(1) RJ45 Cat5e		26g [0.05 lb]	PDF
4000-68000-1310000	\$06673:	(1) RJ45 Cat5e (1) Female USB-A		(1) RJ45 Cat5e (1) Female USB-A		50g [0.11 lb]	PDF

Continued on following page.

Modlink Panel Interface Connectors

Modlink Panel Interface Connectors Inserts Selection Table (continued)

<i>Inserts</i>							
Part Number	Price	Exterior Connections	Exterior Photo	Interior Connections	Interior Photo	Weight	Drawing Link
<u>4000-68000-3240000</u>	\$6674:	Single 120VAC outlet		-		50g [0.11 lb]	<u>PDF</u>
<u>4000-68000-4030000</u>	\$06675:	Single 120VAC outlet (1) RJ45 Cat5e (1) Female USB-A		(1) RJ45 Cat5e (1) Female USB-A		46g [0.10 lb]	<u>PDF</u>
<u>4000-68000-4040000</u>	\$06676:	Single 120VAC outlet (1) RJ45 Cat5e		(1) RJ45 Cat5e		36g [0.07 lb]	<u>PDF</u>
<u>4000-68000-4070000</u>	\$06677:	Single 120VAC outlet (1) RJ45 Cat5e (1) 3A circuit breaker		(1) RJ45 Cat5e (1) 3A circuit breaker		47g [0.10 lb]	<u>PDF</u>
<u>4000-68000-8900000</u>	\$6678:	Blank plate		Blank plate		18g [0.03 lb]	<u>PDF</u>

Modlink Panel Interface Connectors

Use this checklist to quickly identify the connections in each insert.

Modlink Panel Interface Connectors - Inserts						
Part Number	RJ45	USB-AA	DB9	HD15	RJ12	3A Circuit Breaker
No Power						
4000-68000-1040000	✓	✓✓	—	✓	—	—
4000-68000-1120000	✓	—	✓	—	✓	—
4000-68000-1210000	✓	—	✓*	—	—	—
4000-68000-1310000	✓	✓	—	—	—	—
115VAC Simplex Outlet (Single)						
4000-68000-3240000	—	—	—	—	—	—
4000-68000-4030000	✓	✓	—	—	—	—
4000-68000-4040000	✓	—	—	—	—	—
4000-68000-4070000	✓	—	—	—	—	✓
Blank Plate						
4000-68000-8900000	—	—	—	—	—	—

* Note: This is a blind cover for a DB9 connector.



[4000-68000-1040000](#)



[4000-68000-1120000](#)



[4000-68000-1210000](#)



[4000-68000-1310000](#)



[4000-68000-4040000](#)



[4000-68000-4070000](#)



[4000-68000-8900000](#)

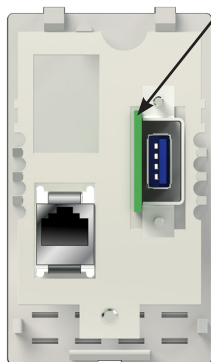


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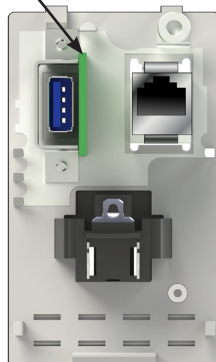


[4000-68000-4030000](#)

USB
Cable Tie Strain Relief
(cable tie included)



[4000-68000-1310000](#)

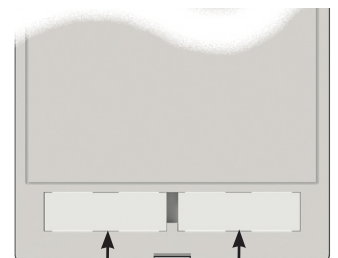


[4000-68000-4030000](#)



[4000-68000-1210000](#)

Strain Relief



Identification Tags
(2) 6 x 19mm [1/4 x 3/4in]
(included on each insert)

Modlink Panel Interface Connectors

Modlink Panel Interface Connectors - Frames



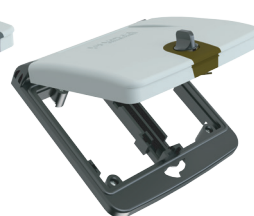
Transparent



Metallic



Gray



Modlink Panel Interface Connectors Frames Selection Table								
Single Frames								
Part Number	Price	Cover Color	Cover Front View	Cover Closure	Wall Thickness	Requires	Weight	Drawing Link
4000-68512-0000001	\$667a:	Transparent		3mm double bit closure including plug-in rotation knob	0.04 to 0.20 in [1 to 5mm]	1 Insert	85g [0.18 lb]	PDF
4000-68513-0000001	\$667b:	Metallic					87g [0.19 lb]	PDF
4000-68514-0000001	\$667c:	Gray					96g [0.21 lb]	PDF
Double Frames								
4000-68522-0000001	\$667d:	Transparent		3mm double bit closure including plug-in rotation knob	0.04 to 0.20 in [1 to 5mm]	2 Inserts	148g [0.32 lb]	PDF
4000-68523-0000001	\$667f:	Metallic					152g [0.33 lb]	PDF
4000-68524-0000001	\$667g:	Gray					169g [0.37 lb]	PDF



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Modlink Panel Interface Connectors

Touch Protection Covers

Overview

The touch protection cover mounts on the back of a frame (single or double) to increase safety inside the cabinet.

The hardware needed to secure the cover to the frame is included.

Modlink Panel Interface Connectors Touch Protection Covers Selection Table				
Part Number	Price	Description	Weight	Drawing Link
4000-68000-9140000	\$6679:	Murrelektronik Modlink touch protection cover, ABS plastic, black. For use with Modlink series double frames sizes.	91g [0.20 lb]	PDF
4000-68000-9180000	\$667e:	Murrelektronik Modlink touch protection cover, ABS plastic, black. For use with Modlink series single frames sizes.	36g [0.07 lb]	PDF



[4000-68000-9140000](#)



[4000-68000-9180000](#)



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Modlink Panel Interface Connectors

Modlink Panel Interface Connectors - Specifications

Modlink Panel Interface Connectors Specifications		
Receptacle Electrical Specifications		
Voltage Rating		125 VAC
Current Rating		Receptacle 15A, Resettable Circuit Breaker 3A
SCCR		Receptacle 10kA, Resettable Circuit Breaker 0.2 kA
Termination Type * see table below	4000-68000-3240000	Screw connections
	4000-68000-4030000 , 4000-68000-4040000	4.8 mm disconnect terminal or can be soldered
	4000-68000-4070000	Receptacle 4.8 mm disconnect terminal or can be soldered Resettable Circuit Breaker 6.3 mm disconnect terminal or can be soldered
Technical Specifications		
Agency Approvals		cULus, cURus, CE
Degree of Protection		UL Type Rating 1, 4, 4x, 12, 13 IP65 outside With touch protection cover IP20 inside
Operating Temperature	Frames	-22 to 158°F [-30 to 70°C]
	Inserts (4000-68000-1040000 , 4000-68000-1210000 , 4000-68000-8900000)	-4 to 140°F [-20 to 60°C]
	Inserts (4000-68000-1310000 , 4000-68000-3240000 , 4000-68000-4030000 , 4000-68000-4070000)	41 to 104°F [5 to 40°C]
	Touch Protection Cover	32 to 122°F [0 to 50°C]
Shock According to EN 60068-2-6		10 to 500 Hz, 2g
Vibration According to EN 60068-2-27		1/2 sin 15g, 11ms
Suggested Screw Torque	Secure Frame to Cabinet	5.3 +/- 0.9 lb•in [0.6 +/- 0.1 N•m]
	Secure Insert to Frame	
Material and Color Specifications		
Frame	Material	Polyamide (PA)
Frame	Color	Black
Frame Cover Material	Transparent Models 4000-68512-0000001 , 4000-68522-0000001	Polycarbonate (PC)
	Metallic Models 4000-68513-0000001 , 4000-68523-0000001	Acrylonitrile butadiene styrene (ABS)
	Gray Models 4000-68514-0000001 , 4000-68524-0000001	Polybutylene terephthalate (PBT)
Frame Separator	Material	Polyamide (PA)
	Color	Black
Plug-in Rotation Knob	Material	Polybutylene terephthalate (PBT)
	Color	Black
Insert		Polybutylene terephthalate (PBT)
Touch Protection Cover	Material	Polycarbonate (PC) and Acrylonitrile butadiene styrene (ABS)
	Color	Black

Recommended Disconnect Terminals				
Item	Disconnect Terminal	Wire Size		Terminal Size
		AWG	mm ²	
Receptacle	V70FH004003	20-18	0.5-1	4.8 x 0.5
	V70FH004004			4.8 x 0.8
	V70FH004008	16-14	1.5-2.5	4.8 x 0.5
	V70FH004009			4.8 x 0.8
Resettable Breaker	V70FH004005	20-18	0.5-1	6.3 x 0.9
	V70FH004010	16-14	1.5-2.5	
	V70FH004011	12-10	4-6	



Panel Interface Connectors



Overview

What is a Panel Interface Connector?

A panel interface connector (PIC) is a pass-through unit that mounts to the outside of a control panel containing a PLC or other programmable device. Using the pass-through connections, the operator is able to interface with the PLC or other units within the control box without opening the enclosure door. PICs usually contain a power outlet and various connectors necessary for the PLC or other programmable units in the control box. ZipPort PICs are available with single, duplex or GFCI power outlets, as well as a no-power option. Connectors available include D-Sub, RJ45, RJ12, USB, Ethernet, and Data Highway; units are available in various combinations needed for the typical control panel.

Why should I use a Panel Interface Connector?

Installing a PIC on an enclosure allows the operator to access the components inside the enclosure without opening the door. This is an important safety feature which removes many of the risks of working with an open electrical panel. Using a PIC may also eliminate the need for operators to wear fire-resistant suits, hoods and gloves, and use non-conductive tools, prior to accessing electrical enclosures capable of producing Arc Flash*, per NFPA 70E requirements.

**Note: An Arc Flash is a voltage breakdown of resistance of air, resulting in an arc which can occur where there is sufficient voltage in an electrical system and a path to ground or lower voltage.*

Features

- Aluminum housing with gasket
- All connections are normally straight through, pin 1 to pin 1, etc.
- All D-Sub connectors are FEMALE EXTERIOR and MALE INTERIOR referenced to the cabinet.
- The 9-pin D-Sub pin configuration is available as a break out configuration in some units. These connectors allow for the D-Sub to be separated into individual lines. This allows the user to connect to the D-Sub using screw terminal connections.
- Some units are configured for Allen Bradley's® Data Highway system. In this case, the 9-pin D-Sub and/or 8-pin "mini-DIN" are connected to a 3-pin pluggable terminal block commonly used with "BLUE HOSE" applications.
- The internal power connection for frame sizes 32 and 48 is made via a covered terminal block with spring-type connections.
- The internal power connection for frame sizes 16 and 24 is made via female push-on terminals for Line-in and Neutral, plus a ring terminal for ground.
- The standard reset is a 3 Amp circuit breaker to limit the power output of the unit.
- *Registered trademark of Allen Bradley Company, LLC

Agency Approvals

- NEMA / UL Type 12, 4, & 4x
- IP65
- UL file number E495019
- CE





Panel Interface Connectors Specifications

ZIPport Panel Interface Connectors Specifications						
Part Number	Price	Housing Size	Outside Connections (excluding power outlet)	Outside Cable(s)† (Table 1)	Inside Connections (excluding power outlet)	Inside Cable(s)† (Table 1)
<i>The port sequence is exactly the same for outside connections and inside connections.</i>						
No power						
ZP-PNA-06-100	\$07#3:	6	Female DB9	1, 3	Male DB9	1, 2, 4, 5, 7
ZP-PNA-06-101	\$07#4:	6	RJ45 jack		RJ45 jack	8
ZP-PNA-10-200	\$07#5:	10	2 - Female DB9	1, 3	2 - Male DB9	1, 2, 4, 5, 7
115VAC Simplex outlet (single)						
ZP-PSA-16-100	\$007#6:	16	Female DB9	1, 3	Male DB9	1, 2, 4, 5, 7
ZP-PSA-16-101	\$007#7:	16	RJ45 jack		RJ45 jack	8
ZP-PSA-16-102	\$007#8:	16	RJ12 jack	4, 5, 12	RJ12 jack	4, 5, 7
ZP-PSA-16-103	\$007#9:	16	Female HD15		Male HD15	
ZP-PSA-16-104	\$007#a:	16	Female DB15	9	Male DB15	9
ZP-PSA-16-200*	\$007#b:	16	Female DB9	1, 3	Male DB9	1, 2, 4, 5, 7
ZP-PSA-24-100*	\$007#c:	24	Female DB25		Male DB25	10
ZP-PSA-32-300*	\$007#d:	32	Female DB9, Female USB Form B	1, 3, 6	Male DB9, Female USB form A	1, 2, 3, 4, 5, 6, 7
ZP-PSA-32-400*	\$007#e:	32	2 - Female DB9, RJ45 jack	1, 3	2 - Male DB9, RJ45 jack	1, 2, 4, 5, 7, 8
115VAC Duplex outlet						
ZP-PDA-32-200*	\$007_p:	32	Female DB9	1, 3	Male DB9	1, 2, 4, 5, 7
ZP-PDA-32-201*	\$007_q:	32	RJ45 jack		RJ45 jack	8
ZP-PDA-32-202*	\$007_s:	32	Female USB form A	3	Female USB form A	3, 6
ZP-PDA-32-300*	\$007_t:	32	Female DB9, RJ45 jack	1, 3	Male DB9, RJ45 jack	1, 2, 4, 5, 7, 8
ZP-PDA-32-301*	\$007_u:	32	Female DB9, RJ45 jack	1, 3	9-Pin terminal block, RJ45 jack	8
ZP-PDA-32-302*	\$007_v:	32	Female DB9, Female USB Form B	1, 3, 6	Male DB9, Female USB Form A	1, 2, 3, 4, 5, 6, 7
ZP-PDA-32-303*	\$007_x:	32	Female DB9, Female 8-Pin Mini-Din	1, 3	3-pin terminal block, (Data Highway)	
ZP-PDA-32-304*	\$007_y:	32	Female DB9, RJ45 jack	1, 3	3-pin terminal block, (Data Highway), RJ45 jack	8
ZP-PDA-32-305*	\$007_z:	32	Female DB9, Female USB form A	1, 3, 6	Male DB9, Female USB form A	1, 2, 3, 4, 5, 6, 7
ZP-PDA-32-400*	\$007_]:	32	2 - Female DB9, Female USB form B	1, 3, 6	2 - Male DB9, Female USB form A	1, 2, 3, 4, 5, 6, 7
ZP-PDA-32-401*	\$007_[:	32	Female DB9, Female USB form B, Female USB form A	1, 3, 6	Male DB9, Female USB form A, Female USB form B	1, 2, 3, 4, 5, 6, 7
ZP-PDA-32-402*	\$007_~:	32	RJ45 jack, Female USB form B, Female USB form A	3, 6	RJ45 jack, Female USB form A, Female USB form B	3, 6, 8
ZP-PDA-32-403*	\$007_#:	32	Female DB9, RJ12 jack, Female USB form A	1, 3, 4, 5	Male DB9, RJ12 jack, Female USB form A	1, 2, 3, 4, 5, 6, 7
115VAC GFCI outlet						
ZP-PGA-32-200*	\$007_!:	32	Female DB9	1, 3	Male DB9	1, 2, 4, 5, 7
ZP-PGA-32-201*	\$007_?:	32	RJ45 jack		RJ45 jack	8
ZP-PGA-32-300*	\$007_~:	32	Female DB9, RJ45 jack	1, 3	Male DB9, RJ45 jack	1, 2, 4, 5, 7, 8
ZP-PGA-32-301*	\$007#0:	32	Female DB9, Female USB form B	1, 3, 6	Male DB9, Female USB form A	1, 2, 3, 4, 5, 6, 7
ZP-PGA-48-400*	\$007#1:	48	Female DB9, Female USB form B, Female USB form A	1, 3, 6	Male DB9, Female USB form A, Female USB form B	1, 2, 3, 4, 5, 6, 7
ZP-PGA-48-500*	\$007#2:	48	2 - Female DB9, Female USB form B, Female USB form A	1, 3, 6	2 - Male DB9, Female USB form A, Female USB form B	1, 2, 3, 4, 5, 6, 7

†Note: Based on application. *Note: 3 Amp resettable circuit breaker. Note: Port sequence for inside connections mirrors port sequence for outside connections.



Panel Interface Connectors Specifications

ZIPport Panel Interface Connectors General Specifications	
<i>Electrical Specifications for PICs with Power Outlet(s)</i>	
Voltage Rating	115 VAC
Current Rating	3A with resettable circuit breaker, 15A without resettable circuit breaker
SCCR	10kA 0.2 kA (for units with 3A resettable Circuit Breaker)
<i>Technical Specs</i>	
Agency Approvals *	UL Recognized, CE
Degree of Protection	IP65, NEMA/UL 4, 4x,12 (when mounted with supplied gasket)
Operating Temperature	14 to 176°F [-10 to 75°C]
Suggested Mounting Screw	#8 -32 x 3/4" for housing sizes 6 through 32. #10 - 32 x 3/4" for size 48 Mounting screws not included with product.
Suggested Screw Torque	10.62 lb/in for housing sizes 6 through 32. 17.7 lb/in for housing size 48
<i>Material Specifications</i>	
Body	Epoxy-coated Die-cast Aluminum
Gasket	Thermo-plastic (TPE)
Handle	Polyamide
Levers	Stainless Steel
<i>Accessories</i>	

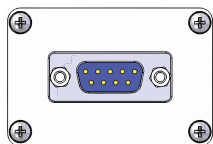
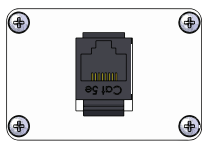
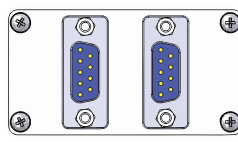
One gasket supplied and required during mounting to meet Degree of Protection standards.
Insert with Panel Cutout dimensions for mounting.

Table 1		
<i>Cable Code</i>	<i>Cable Part Number</i>	<i>Cable Description</i>
1	ZL-DB9-CBL-2	Male DB9 to Female DB9 adapter cable
2	SVC-PCCFG-CBL	Female DB9 to Female Firewire Servo adapter cable
3	USB-RS232-1	USB A to RS-232 (9-pin D-sub male)
4	D2-DSCBL or GS-EDRV-CBL-2	Programming cable for DL05/06, DL205, DL350, D4-454, Click
5	GS-232CBL	RJ12 to Female DB9 for GS2 DRIVES ONLY
6	USB-CBL-ABxx	USB form A to USB form B cable series
7	FA-ISOCOCON	RS232 - RS422/485 converter
8	ZL-DB15-CBL-2	Male DB15 to Female DB15 adapter cable
9	ZL-DB25-CBL-2	Male DB25 to Female DB25 adapter cable

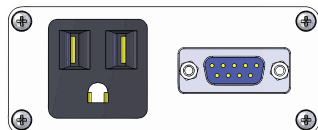
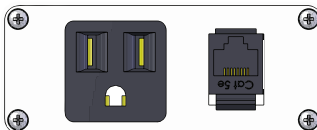
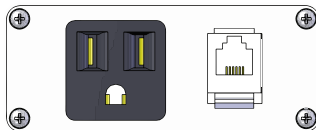
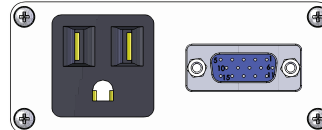
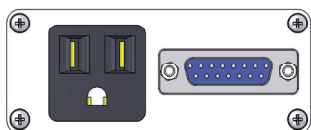
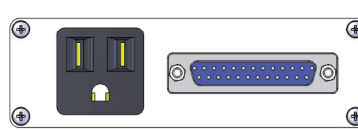
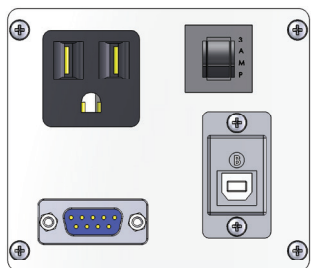
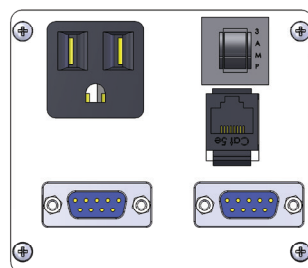
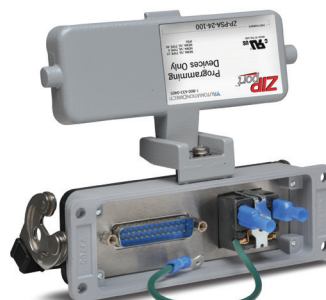


Panel Interface Connectors Face View

No Power

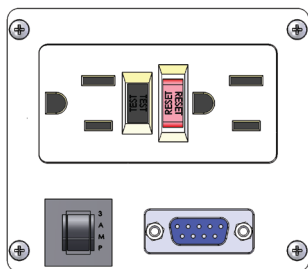
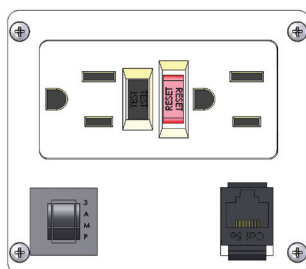
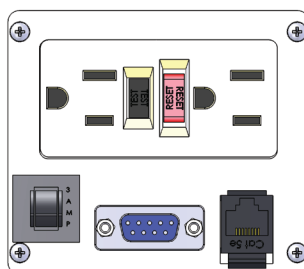
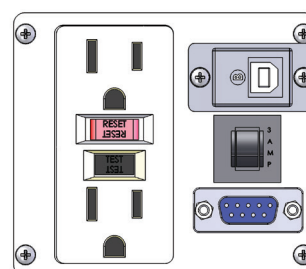
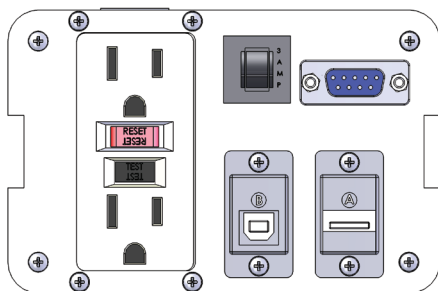
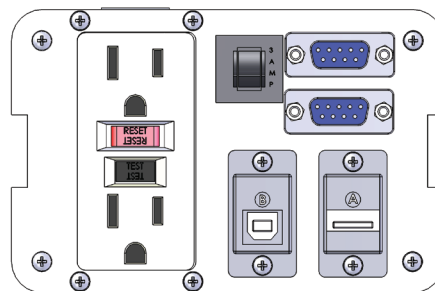
**ZP-PNA-06-100****ZP-PNA-06-101****ZP-PNA-10-200**

Simplex Outlet, 115V AC

**ZP-PSA-16-100****ZP-PSA-16-101****ZP-PSA-16-102****ZP-PSA-16-103****ZP-PSA-16-104****ZP-PSA-16-200****ZP-PSA-24-100****ZP-PSA-32-300****ZP-PSA-32-400**

Back view of **ZP-PSA-24-100** Crimp terminals are supplied for hot and neutral connection for housing sizes 6 through 24. Ground wire supplied with an M3 ring terminal (recommended screw size #6).

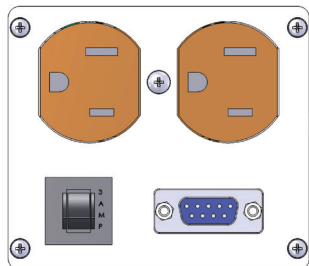
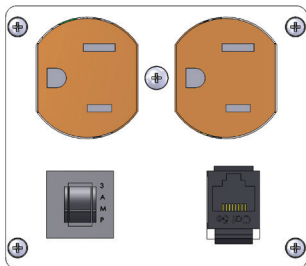
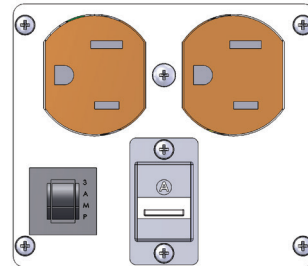
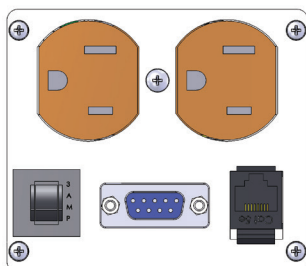
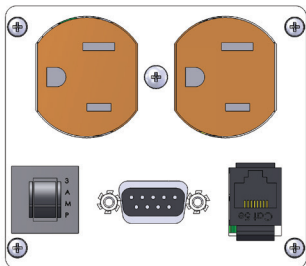
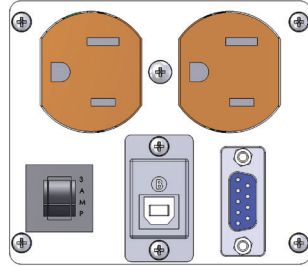
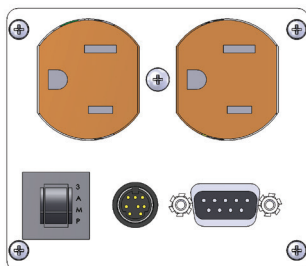
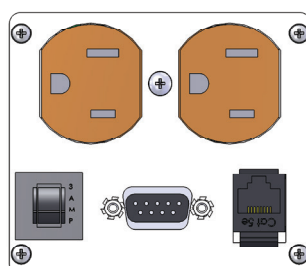
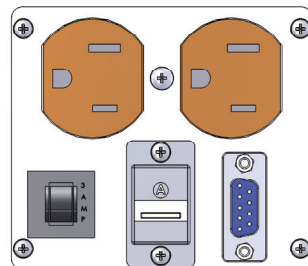
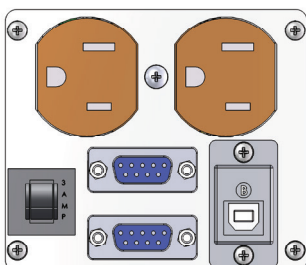
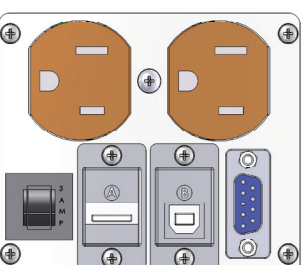
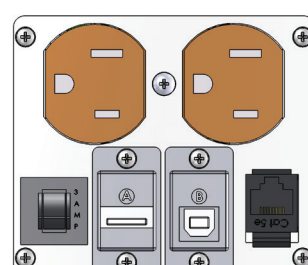
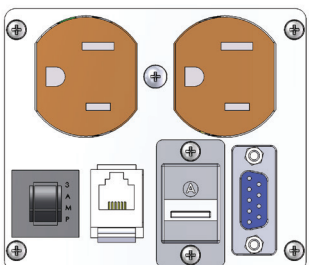
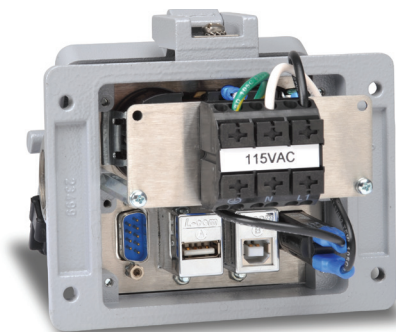
GFCI Outlet, 115V AC

**ZP-PGA-32-200****ZP-PGA-32-201****ZP-PGA-32-300****ZP-PGA-32-301****ZP-PGA-48-400****ZP-PGA-48-500**



Panel Interface Connectors Face View

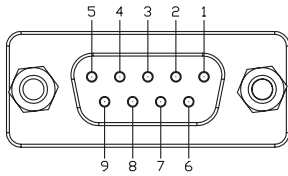
Duplex Outlet, 115V AC

**ZP-PDA-32-200****ZP-PDA-32-201****ZP-PDA-32-202****ZP-PDA-32-300****ZP-PDA-32-301****ZP-PDA-32-302****ZP-PDA-32-303****ZP-PDA-32-304****ZP-PDA-32-305****ZP-PDA-32-400****ZP-PDA-32-401****ZP-PDA-32-402****ZP-PDA-32-403**

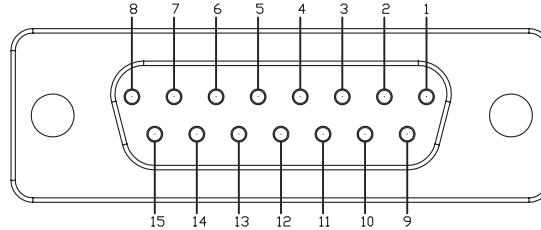


Panel Interface Connectors Pin Outs

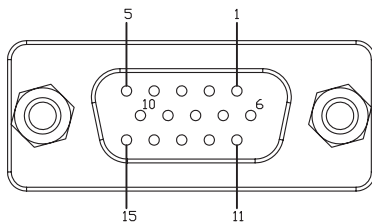
DB9 Pin Configuration
View looking into Female connector



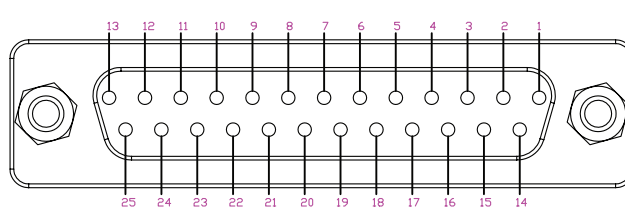
DB15 Pin Configuration
View looking into Female connector



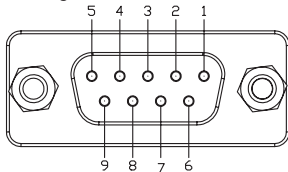
HD15 Pin Configuration
View looking into Female connector



DB25 Pin Configuration
View looking into Female connector



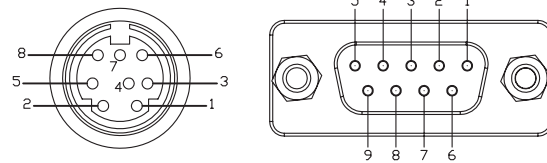
DB9 Data Highway Plus Pin Configuration
View looking into Female connector



DB9 to Phoenix 3-Pin connector

1	Clear
5	Blue
7	Shield

DB9 + 8-Pin Mini-Din Data Highway Plus Pin Configuration
View looking into Female connector



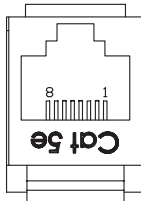
DB9 to Phoenix 3-Pin connector

1	Clear
5	Blue
7	Shield

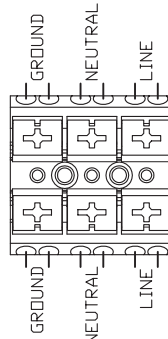
8-Pin Mini to Phoenix 3-Pin connector

1	Blue
3	Shield
6	Clear

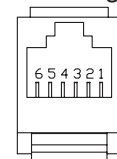
RJ45 Pin Configuration



Terminal Block Pin Configuration for Power



RJ12 Pin Configuration





Panel Interface Connectors

Quick Reference Chart

Use this checklist to quickly identify the connections in each panel interface connector.

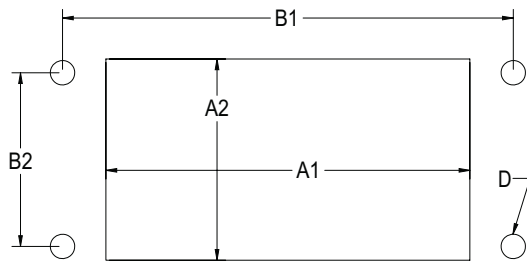
ZIPport Panel Interface Connectors												
Part Number	DB9	DB15	HD15	DB25	RJ12	RJ45	USB-AB	USB-BA	USB-AA	8-Pin DIN	Data Hwy Connection	3 Amp Resettable Circuit Breaker
No power												
ZP-PNA-06-100	√											
ZP-PNA-06-101						√						
ZP-PNA-10-200	√√											
115 VAC Simplex outlet (single)												
ZP-PSA-16-100	√											
ZP-PSA-16-101						√						
ZP-PSA-16-102					√							
ZP-PSA-16-103			√									
ZP-PSA-16-104		√										
ZP-PSA-16-200	√											√
ZP-PSA-24-100				√								
ZP-PSA-32-300	√							√				√
ZP-PSA-32-400	√√					√						√
115 VAC Duplex outlet												
ZP-PDA-32-200	√											√
ZP-PDA-32-201						√						√
ZP-PDA-32-202									√			√
ZP-PDA-32-300	√					√						√
ZP-PDA-32-301*	√					√						√
ZP-PDA-32-302	√							√				√
ZP-PDA-32-303	√									√	√	√
ZP-PDA-32-304	√					√					√	√
ZP-PDA-32-305	√								√			√
ZP-PDA-32-400	√√							√				√
ZP-PDA-32-401	√						√	√				√
ZP-PDA-32-402						√	√	√				√
ZP-PDA-32-403	√				√				√			√
115 VAC GFCI outlet												
ZP-PGA-32-200	√											√
ZP-PGA-32-201						√						√
ZP-PGA-32-300	√					√						√
ZP-PGA-32-301	√							√				√
ZP-PGA-48-400	√						√	√				√
ZP-PGA-48-500	√√						√	√				√

* Note: This DB9 becomes a 9-pin terminal block in the back.



Panel Interface Connectors Dimensions

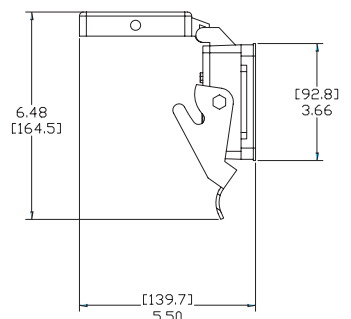
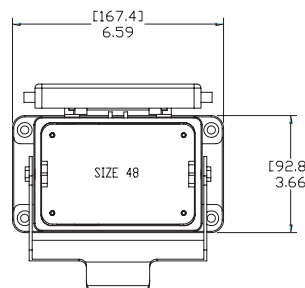
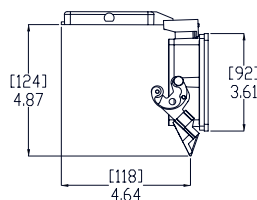
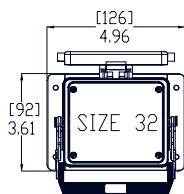
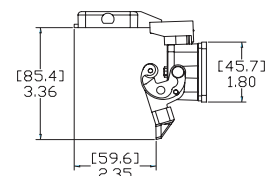
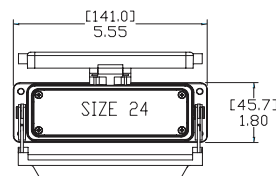
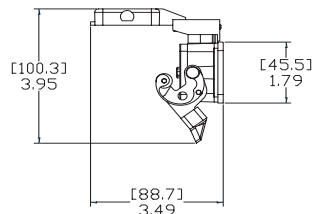
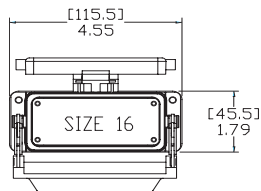
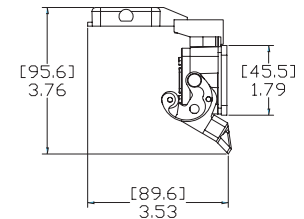
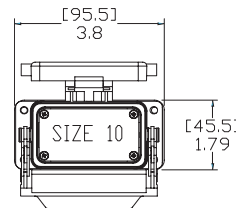
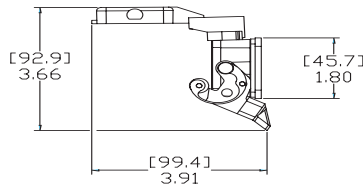
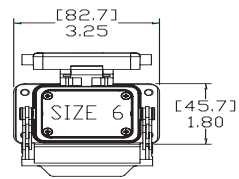
Panel Cutout Dimensions



Panel Cutout Dimensions						
Part	Size	A1	A2	B1	B2	D
ZP-PNA-06-xxx	6	2.13 [54.1]	1.46 [37.1]	2.76 [70.10]	1.26 [32.00]	0.177 [4.50]
ZP-PNA-10-xxx	10	2.64 [67.1]	1.46 [37.1]	3.27 [83.1]	1.26 [32.00]	0.177 [4.50]
ZP-PSA-16-xxx	16	3.46 [87.9]	1.46 [37.1]	4.07 [103.4]	1.26 [32.00]	0.177 [4.50]
ZP-PSA-24-xxx	24	4.10 [104.1]	1.46 [37.1]	5.12 [130.0]	1.26 [32.00]	0.177 [4.50]
ZP-PSA-32-xxx ZP-PDA-32-xxx ZP-PGA-32-xxx	32	3.46 [87.9]	2.99 [75.9]	4.33 [110.0]	2.56 [65.0]	0.177 [4.50]
ZP-PGA-48-xxx	48	4.92 [125.0]	3.19 [81.0]	5.83 [148.1]	2.76 [70.10]	0.256 [6.50]

Note: All dimensions in inches [millimeters]

Housing Dimensions



Note: See our website: www.AutomationDirect.com for complete Engineering Drawings.