

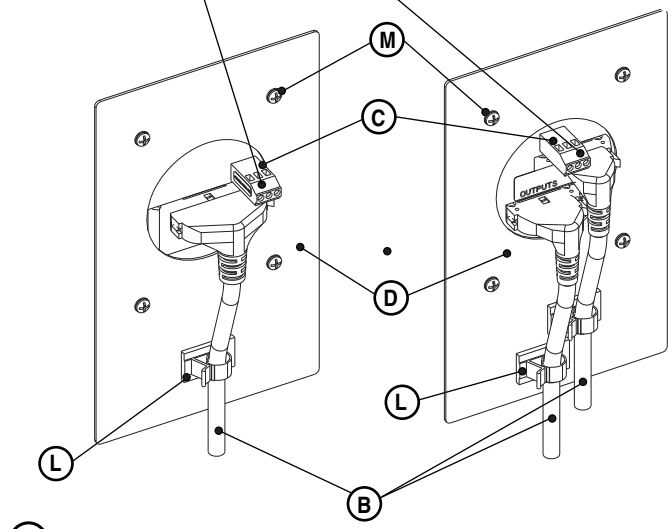
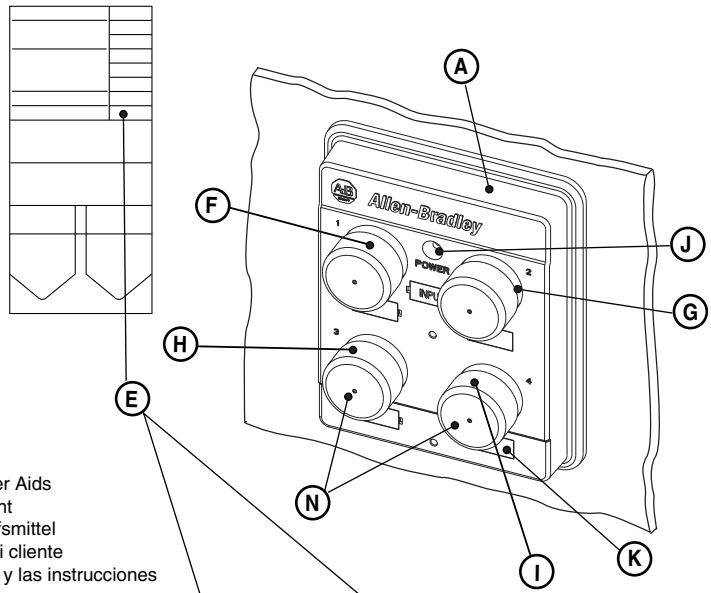


PanelConnect™ Interface Modules
Modules d'interface de PanelConnect™
PanelConnect™ Schnittstellenmodule
Moduli D'interfaccia PanelConnect™
Módulos de Interface PanelConnect™

(Cat 1667-32ID1001, 1667-32ID1201, 1667-32OD1201, 1667-32CD1201, 1667-32CD1202, 1667-32CD1203, 1667-32CD1204)

"X" Suffix For 4X Connector

- (A) PanelConnect Module
Module de PanelConnect
Schnittstellenmodul
Móduli PanelConnect
Módulo PanelConnect
- (B) Connection Cable
Câble d'entrée
Anschlusskabel
cavo del collegamento
Cable de conexión
- (C) Power Supply Terminals
Bornes d'alimentation
Anschlussklemmen
Terminali alimentazione elettrica
Terminales de la fuente de alimentación
- (D) Enclosure Wall
Paroi de L'enceinte
Gehäusewand
Parete alloggiament
Panel del bastidor
- (E) Adhesive Label Card for Power Terminal and Customer Aids
Autocollant Pour Brochage d'alimentation et Infos Client
Aufkleber für Anschlussklemme und kundenseitige Hilfsmittel
Etichetta adesiva terminale alimentazione e indicazioni cliente
Etiqueta adhesiva para los terminales de alimentación y las instrucciones
- (F) Field Side Connections, Channels 0-7
Branchements Côté champ, Voies 0 à 7
Feldseitige Anschlüsse, Kanal 0-7
Connessioni lato campo, canali 0-7
Conexiones de campo, canales 0-7
- (G) Field side Connections, Channels 8-15
Branchements Côté Champ, Voies 8 à 15
Feldseitige Anschlüsse, Kanal 8-15
Connessioni lato campo, canali 8-15
Conexiones de campo, canales 8-15
- (H) Field side Connections, Channels 16-23
Branchements Côté Champ, Voies 16 à 23
Feldseitige Anschlüsse, Kanal 16-23
Connessioni lato campo, canali 16-23
Conexiones de campo, canales 16-23
- (I) Field side Connections, Channels 24-31
Branchements Côté Champ, Voies 24 à 31
Feldseitige Anschlüsse, Kanal 24-31
Connessioni lato campo, canali 24-31
Conexiones de campo, canales 24-31
- (J) On State Power Supply Indicator.
Témoin d'alimentation
Stromzufuhranzeig
Indicatore alimentazione elettrica attiva
Indicador de fuente de alimentación activada
- (K) Removable Markers
Marqueurs Amovibles
Abnehmbare Markierungen
Marcatori amovibili
Marcadores temporales
- (L) Cable Strain Relief
Soulagement de Contrainte
Kabelzugentlastung
Eliminatore di sollecitazioni cavo
Desahogo del cable±

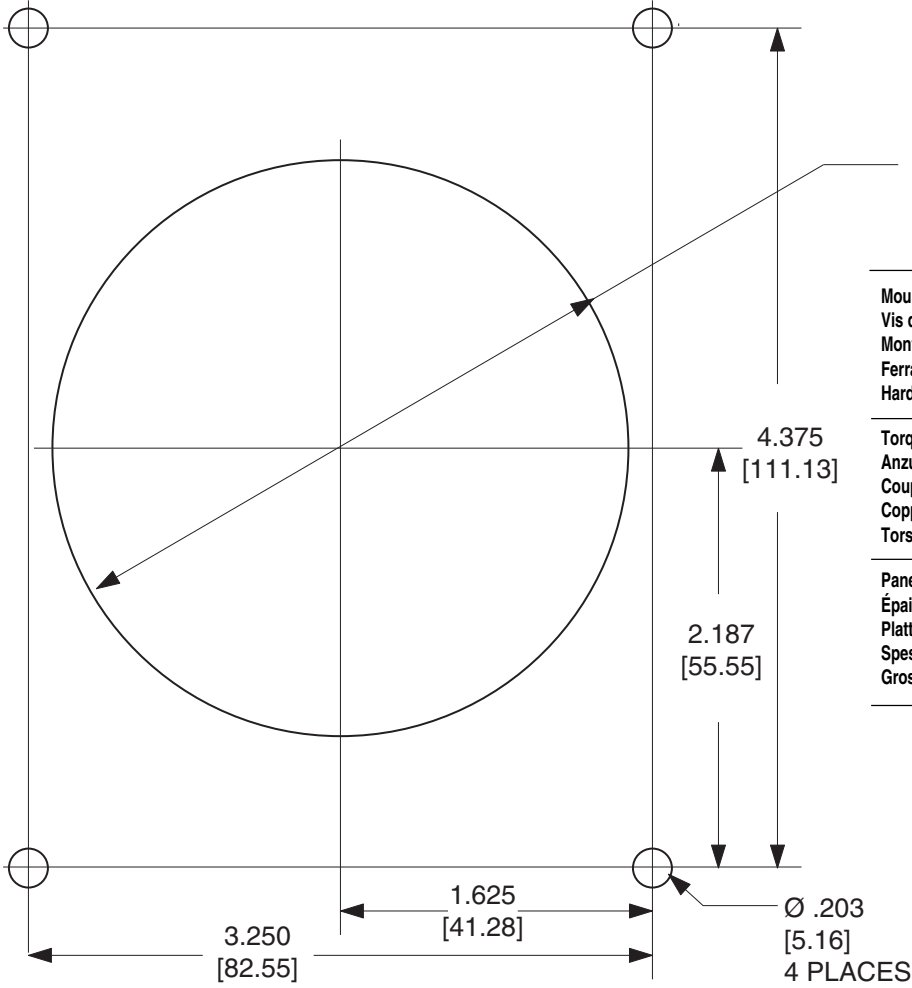


- (M) Mounting Hardware
Vis de Montage
Montageteile
Ferramenta di montaggio
Hardware de instalación
- (N) Temporary Dust Caps
Capuchons Antipoussière Temporaires
Provisorische Staubkappen
Parapolvere temporanei
Capuchones temporales



**Installation
Montage
Installation
Montaggio
Instalación**

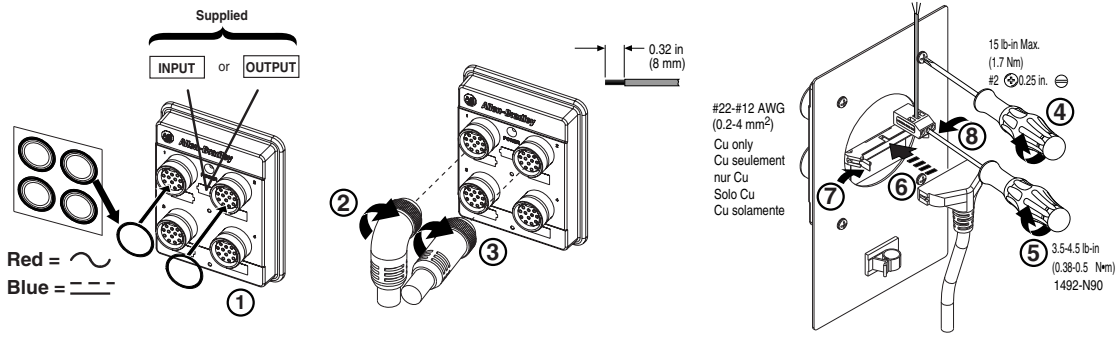
This template may be used as a guide to layout the mounting pattern for the through-Panel Module.
Applies only to installation documents shipped with the product.
Ce gabarit peut être utilisé pour le tracé de montage du module de panneau.
S'applique uniquement aux documents d'installation livrés avec le produit.
Dieses Schablone kann als Vortage für die Montage des Schnittstellenmoduls verwendet werden.
Dies gilt nur für die mit dem Produkt gelieferten installationsdokumente.
Questo modello può essere utilizzato come guida per disegnare lo schema di montaggio per il modulo d'interfaccia.
Si applica solo ai documenti per il montaggio forniti con il prodotto.
Esta plantilla puede utilizarse como guía de instalación del módulo Through-Panel.
Válido solo para documentos de instalación que esten disponibles con el producto.



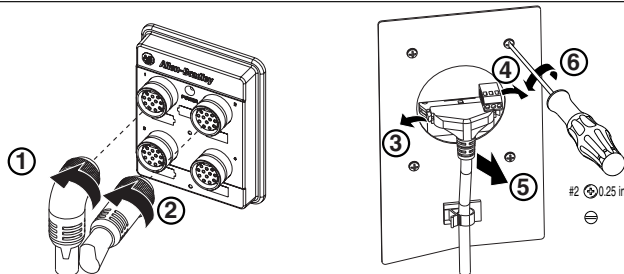
Mounting Hardware (Provided) Vis de montage (fournies) Montageteile (im Lieferumfang enthalten) Ferramenta di montaggio (in dotazione) Hardware de instalación (suministrado)	#8-32 X 0.5 in. SEMS
Torque Anzugsmoment Couple de serrage Coppia Torsión	15 lb. - in. (1.7 N•m)
Panel Thickness\ Épaisseur du panneau Plattenstärke Spessore pannello Grosor del panel	0.15 in. (3.8 mm) MAX.

 WARNING AVERTISSEMENT WARNUNG AVVERTENZA ADVERTENCIA	To prevent electrical shock, disconnect from power source before installing or servicing.
	Avant le montage et la mise en service, couper l'alimentation secteur pour éviter toutes décharges.
	Vor Installations- oder Servicearbeiten Strom-versorgung unterbrechen, um Elektroschocks zu vermeiden.
	Per prevenire infortuni, togliere tensione prima dell'installazione o manutenzione.
	Desconéctese de la corriente eléctrica, antes de la instalación o del servicio, a fin de impedir sacudidas eléctricas.

**Installation
Montage
Installation
Montaggio
Instalación**



**Removal
Retrait
Entfernen
Smontaggio
Extracción**





To prevent electrical shock, disconnect from power source before installing or servicing.
 Avant le montage et la mise en service, couper l'alimentation secteur pour éviter toutes décharges.
 Vor Installations- oder Servicearbeiten Strom-versorgung unterbrechen, um Elektroschocks zu vermeiden.
 Per prevenire infortuni, togliere tensione prima dell'installazione o manutenzione.
 Desconéctese de la corriente eléctrica, antes de la instalación o del servicio, a fin de impedir sacudidas eléctricas.

Cable Matrix
Matrice des câbles
Kabelmatrix
Matrice cavi
Matriz de cables

I/O Modules 32 point	1667-32ID1001	1667-32ID1201	1667-32OD1201
1746-IB32	1492-CABLE @ H	1492-CABLE @ H	
1746-OB32			1492-CABLE @ H
1746-OB32E			1492-CABLE @ H
1746-OV32			1492-CABLE @ H
1756-IB32	1492-CABLE @ Z	1492-CABLE @ Z	
1756-OB32			1492-CABLE @ Z
1756-OV32E			1492-CABLE @ Z
1769-OB32			1492-CABLE @ K69
1769-IQ32 (SINK ONLY)	1492-CABLE @ J69	1492-CABLE @ J69	
1771-IBN	1492-CABLE @ J	1492-CABLE @ J	
1771-OBN			1492-CABLE @ L
1771-OVN			1492-CABLE @ L
1794-OB32			1492-CABLE @ Q
1794-IB32	1492-CABLE @ Q	1492-CABLE @ Q	
1762-L40BWA	1492-CAB @ A62	1492-CAB @ A62	
1762-L40BXB	1492-CAB @ A62	1492-CAB @ A62	

Cable Matrix
Matrice des câbles
Kabelmatrix
Matrice cavi
Matriz de cables

INPUT Modules	1667-32CD1201	1667-32CD1202	1667-32CD1203	1667-32CD1204	Output Modules
1746-IB16 1746-IN16 1746-ITB16	I 1492-CABLE @ B O 1492-CABLE @ E				1746-OB16 1746-OB16E 1746-OB16P
1756-IB16		1492-CABLE @ X ①			1756-OB16E
1769-IQ16 1769-IQ16F	I 1492-CABLE @ B69 O 1492-CABLE @ B69				1769-OB16
1771-IBD 1771-ICD 1771-IND			1492-CABLE @ F ①		1771-OB16
1746-ITV16 1746-IV16				I 1492-CABLE @ B O 1492-CABLE @ E	1746-OV16 1746-OVP16
1756-IV16				1492-CABLE @ X ①	1756-OV16E
1769-IQ16 1769-IQ16F				I 1492-CABLE @ B69 O 1492-CABLE @ E69	1769-OV16
1794-IB16	I 1492-CABLE @ P O 1492-CABLE @ P				1794-OB16

① Two of the specified cables required. One for input modules, one for output modules. SEE TRANSLATIONS

I Input Cable - Use with specified Input module in left most column.

O Output Cable - Use with specified Output module in right most column. SEE TRANSLATIONS

② Cables are available in 0.5m, 1.0m, 2.5m and 5.0m lengths (005=0.5m, 010=1.0m, 025 = 2.5m, 050=5.0m). Custom length cables also available. Contact local Sales Office for more information.

Câbles disponibles en 0,5m, 1,0m, 2,5m et 5,0m de longueur (005=0,5m; 010=1,0m; 025=2,5m; 050=5,0m).

Câbles sur mesure à la demande. Contactez le bureau le plus proche.

Verfügbare Kabellängen 0,5m, 1,0m, 2,5m und 5,0m (005=0,5m; 010=1,0m; 025=2,5m; 050=5,0m). Anwenderspezifische Längen stehen ebenfalls zur Verfügung. Kontaktieren Sie bitte Ihr lokales Vertriebsbüro für weitere Informationen.

I cavi sono disponibili in lunghezze di 0,5m, 1,0m, 2,5m e 5,0m (005=0,5m; 010=1,0m; 025=2,5m; 050=5,0m).

Sono disponibili anche cavi su misura. Per ulteriori informazioni, contattare l'ufficio vendite locale.

Cables disponibles en longitudes de 0,5m, 1,0m, 2,5m, 5,0m (005=0,5m; 010=1,0m; 025=2,5m; 050=5,0m).

Hay disponibles cables de varias longitudes. Para más información comuníquese con la oficina de ventas.

Allen-Bradley Drives

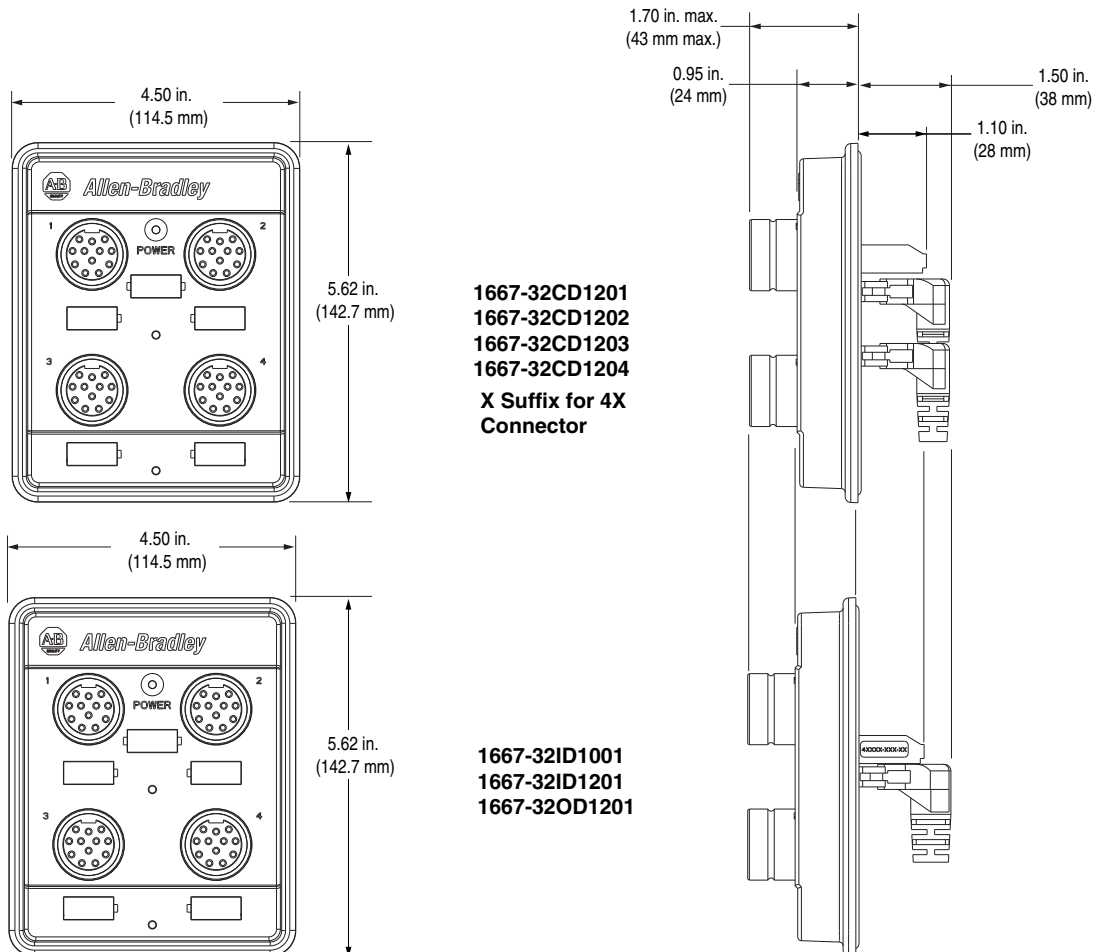
Specifications
 Spécifications
 Technische Daten
 Specifiche
 Especificaciones

Catalog No.	Voltage	Maximum Peak Voltage ②	Current/ Circuit	Current/Module	Indicator Circuit Current	Operating Temperature Range	Standards
Référence	Tension	Tension maximale de crête	Courant/ Circuit	Courant/Module	Courant circuit voyants	Plage températures de fonctionnement	Normes
Bestell-Nr.	Spannung	Maximale Spitzenspannung	Strom/ Schaltkreis	Strom/Modul	Anzeigeschaltkreis	Betriebstemperaturbereich	Standards
N. Catalogo	Tensione	Massima tensione di picco	Corrente/ Circuito	Corrente/modulo	Corrente circuito indicatori	Limiti temperatura di funzionamento	Standard
Referencia	Voltaje	Voltaje máximo pico a pico	Intensidad/ Circuito	Intensidad/módulo	Intensidad del circuito de indicadores	Rango de temperatura de funcionamiento	Estándares
1667-32ID1001	10-30 V DC	600 Vp ②	1 Amp	12 Amps	2 mA	0° C - 60° C	UR (File: E 113724) (Guide No. NRAQ2)
1667-32ID1201							CSA (File LR1234) (Class 321107)
1667-32OD1201							CE Compliant to all applicable Directives
1667-32CD1201							
1667-32CD1202							
1667-32CD1203							
1667-32CD1204							

"X" Suffix For 4X Connector.

- ② For transients > 600 Vp use a UL recognized device rated at 2.5 kV suppression.
 Pour des transitoires > 600 Vp utilisez un dispositif de suppression certifié UL à 2,5 kV nominal de suppression.
 Für Einschaltstöße > 600 Vp verwenden Sie einen UL anerkannter Vorrichtung, der bewertet ist bei 2,5 kV Unterdrückung.
 Per transitori > 600 Vp usare dispositivo riconosciuto da UL capace di sopportare 2,5 kV di soppressione.
 Para transitorios > 600 Vp use un dispositivo reconocido UL clasificado con 2,5 kV de supresión.

Dimensions
 Dimensions
 Abmessungen
 Dimensioni
 Dimensiones



Pinout
 Brochage
 Anschlußbelegung
 Disposizione
 dei piedini
 Esquema de pins

Terminal Identification Convention
 Convention d'identification des bornes
 Klemmenbezeichnungskonvention
 Convenzioni per l'identificazione dei morsetti
 Convención de identificación del terminal

C Power
 Alimentation
 Netzleitung
 Alimentazione
 Alimentación

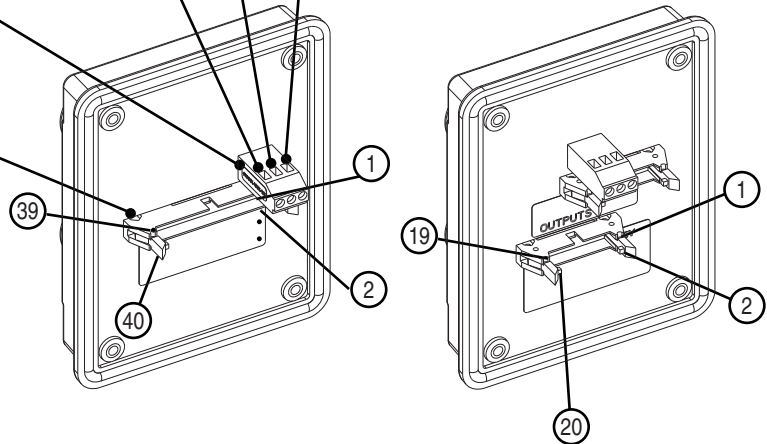
D Return
 Retour
 Netzleitung
 Ritorno
 Retorno

E Ground
 Terre
 Rückleitung
 Massa
 Toma de tierra

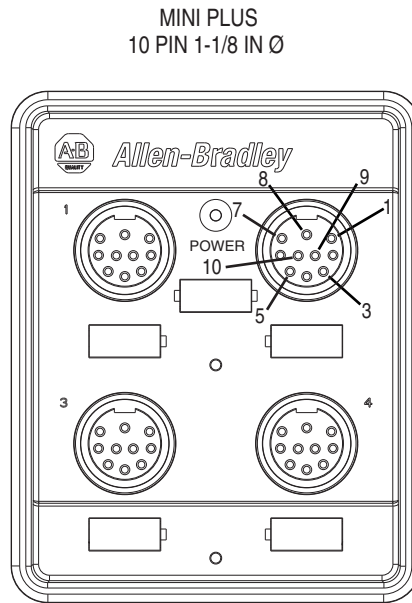
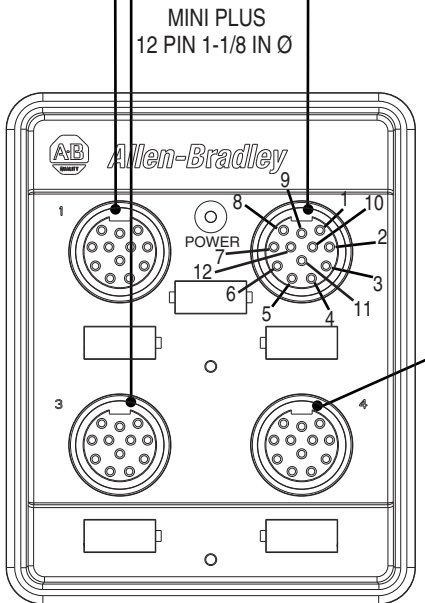
● = Power Connection
 = Branchement d'alimentation
 = Stromversorgungsanschluss
 = Collegamento di alimentazione
 = Conexión de alimentación

○ = Cable Connector Pins
 = Broche de connexion
 = Steckerstift
 = Pin del connettore
 = Pasador de conector

A ☒ B ☒ = Field-side Terminal
 = Borne extérieure
 = Feldseitiger Terminal
 = Terminale lato-campo
 = Terminal de campo



Front View of Female Connections
 Vue de Devant des Connecteurs Femelles
 Vorderansicht der Steckerbuchsen
 Vista Frontale dei Connettori Femmina
 Vista Frontal de Conectores Hembra

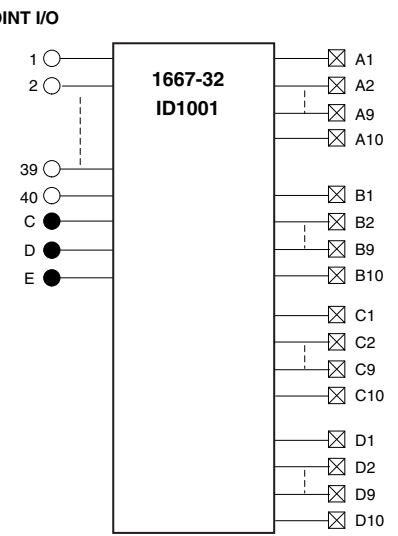
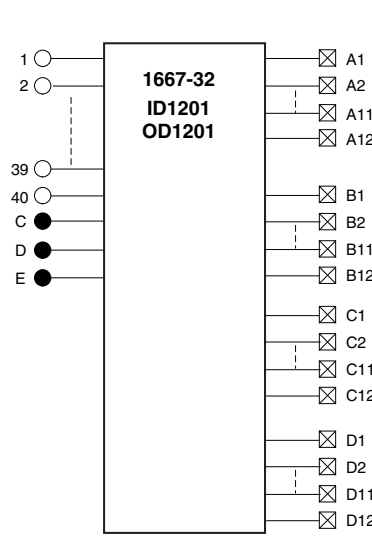
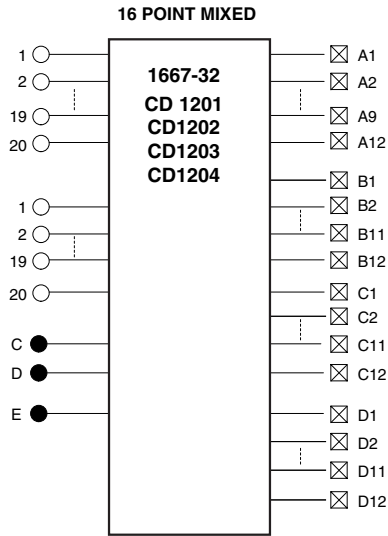


1667-32ID1201 1667-32CD1202
 1667-32OD1201 1667-32CD1203
 1667-32CD1201 1667-32CD1204

1667-32ID1001

Allen-Bradley Drives

Pinout
 Brochage
 Anschlußbelegung
 Disposizione
 dei piedini
 Esquema de pins



16 POINT MIXED

FIELD SIDE CONNECTOR 1667-				
INPUT MODULE CONNECTOR	32CD1201	32CD1202	32CD1203	32CD1204
1	-----	A11, B11	-----	A12, B12
2				
3	A1	A1	A1	A1
4	A2	A2	A2	A2
5	A3	A3	A3	A3
6	A4	A4	A4	A4
7	B1	B1	B1	B1
8	B2	B2	B2	B2
9	B3	B3	B3	B3
10	B4	B4	B4	B4
11	C1	C1	C1	C1
12	C2	C2	C2	C2
13	C3	C3	C3	C3
14	C4	C4	C4	C4
15	D1	D1	D1	D1
16	D2	D2	D2	D2
17	D3	D3	D3	D3
18	D4	D4	D4	D4
19	A11, B11	A11, B11	-----	A12, B12
20			A11, B11	
OUTPUT MODULE CONNECTOR				
1		C12, D12	C12, D12	C12, D12
2	C12, D12	C11, D11	C12, D12	C12, D12
3	A5	A5	A5	A5
4	A6	A6	A6	A6
5	A7	A7	A7	A7
6	A8	A8	A8	A8
7	B5	B5	B5	B5
8	B6	B6	B6	B6
9	B7	B7	B7	B7
10	B8	B8	B8	B8
11	C5	C5	C5	C5
12	C6	C6	C6	C6
13	C7	C7	C7	C7
14	C8	C8	C8	C8
15	D5	D5	D5	D5
16	D6	D6	D6	D6
17	D7	D7	D7	D7
18	D8	D8	D8	D8
19	C11, D11	C12, D12	C12, D12	C11, D11
20		C11, D11	C11, D11	
POWER PIN REF.				
C	A12, B12 C12, D12	A12, B12 C12, D12	A12, B12 C12, D12	A12, B12 C12, D12
D	A11, B11, C11, D11	A11, B11, C11, D11	A11, B11, C11, D11	A11, B11, C11, D11
E	A9, B9, C9, D9	A9, B9, C9, D9	A9, B9, C9, D9	A9, B9, C9, D9

32 POINT I/O

FIELD SIDE CONNECTOR 1667-			
INPUT CONNECTOR PIN REF.	32ID1001	32ID1201	32OD1201
1			
2	A8, B8, C8, D8	A11, B11 C11, D11	A12, B12, C12, D12
3			
4			
5	A7	A1	A1
6	C7	C1	C1
7	A1	A2	A2
8	C1	C2	C2
9	A9	A3	A3
10	C9	C3	C3
11	A2	A4	A4
12	C2	C4	C4
13	A3	A5	A5
14	C3	C5	C5
15	A4	A6	A6
16	C4	C6	C6
17	A5	A7	A7
18	C5	C7	C7
19	A6	A8	A8
20	C6	C8	C8
21	B7	B1	B1
22	D7	D1	D1
23	B1	B2	B2
24	D1	D2	D2
25	B9	B3	B3
26	D9	D3	D3
27	B2	B4	B4
28	D2	D4	D4
29	B3	B5	B5
30	D3	D5	D5
31	B4	B6	B6
32	D4	D6	D6
33	B5	B7	B7
34	D5	D7	D7
35	B6	B8	B8
36	D6	D8	D8
37			
38	A8, B8, C8, D8	A11, B11 C11, D11	A11, B11, C11, D11
39			
40			
POWER PIN REF.			
C	A10, B10, C10, D10	A12, B12, C12, D12	A12, B12, C12, D12
D	A8, B8, C8, D8	A11, B11, C11, D11	A11, B11, C11, D11
E	-----	A9, B9, C9, D9	A9, B9, C9, D9

Closing Caps: To maintain the Type 4, 4X enclosure rating these accessory caps must be used if both field side connectors are not permanently terminated. Hand tight plus one-quarter turn.

Capuchons protecteurs : si les deux connecteurs côté champ ne sont pas câblés en permanence, ces capuchons doivent être en place afin de conserver l'homologation type 4, 4X de l'enceinte. Serrer à la main, plus un quart de tour.

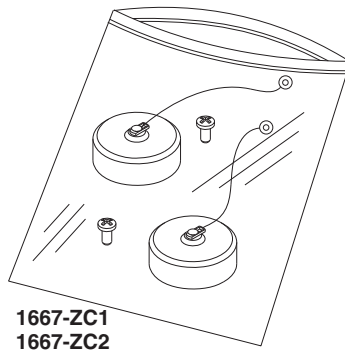
Verschlusskappen: Wenn die beiden feldseitigen Stecker nicht permanent abgeschlossen sind, müssen diese Verschlusskappen verwendet werden, um die Anforderungen eines Typ-4, 4X-Gehäuses zu erfüllen. Von Hand anziehen plus 1/4 Drehung.

Coperchi: per mantenere la classificazione di alloggiamento Tipo 4, 4X è necessario montare questi coperchi accessori, qualora i due connettori lato campo non avessero terminazione. Avvitare a mano più un quarto di giro.

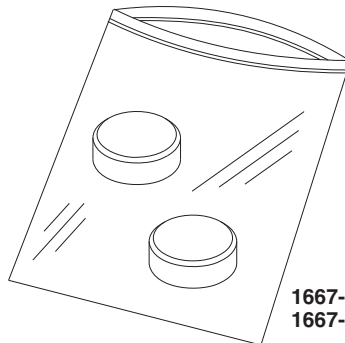
Capuchones de cierre: Para mantener el bastidor de Tipo 4, 4X utilice estos capuchones opcionales si los conectores laterales no tienen una terminación permanente. Apriételes manualmente con un cuarto de vuelta.

THROUGH PANEL CAT. NO.	CLOSING CAP	
	1667-OC1 1-1/8 THREAD	1667-OC2 23 MM THREAD
1667-32ID1001	X	
1667-32ID1201	X	
1667-32OD1201	X	
1667-16CD1201	X	
1667-16CD1202	X	
1667-16CD1203	X	
1667-16CD1204	X	

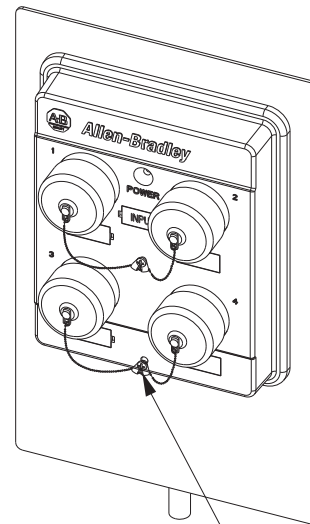
"X" SUFFIX FOR TYPE 4X CAPS
 TWO CAPS PER CATALOG NO.



1667-ZC1
1667-ZC2

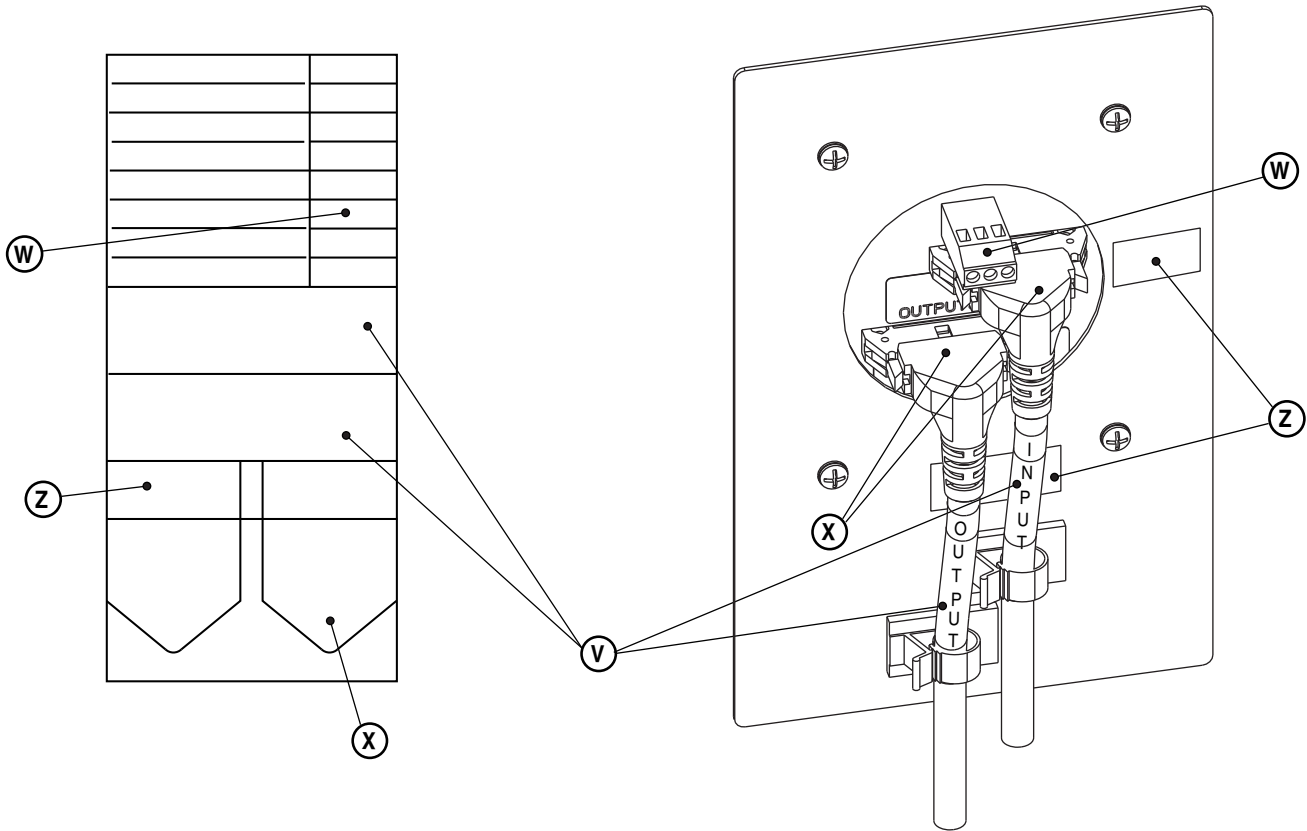


1667-ZC1X
1667-ZC2X



#4-20 X 3/8
 Plastite 48-2
 8.0 lb. - in
 0.89 N•m TYP.
 #1 ⊕

Label Card Options
 Option d'autocollant d'infosx
 Aufkleber
 Opzioni Etichetta
 Opciones de Etiqueta



Reference Publications:
Publications:
Nachschlagewerke:
Consultare le pubblicazioni:
Publicaciones de referencia: