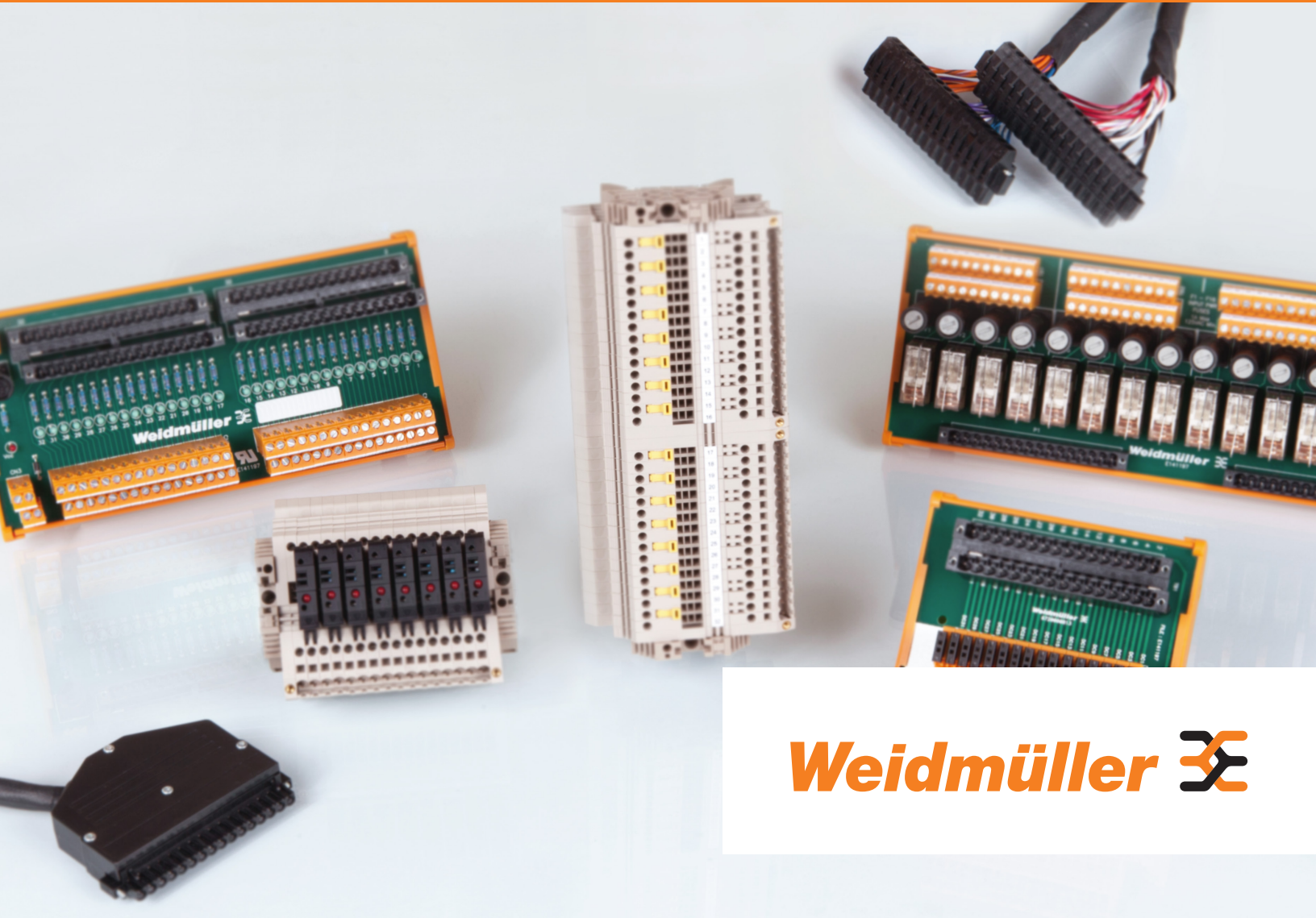


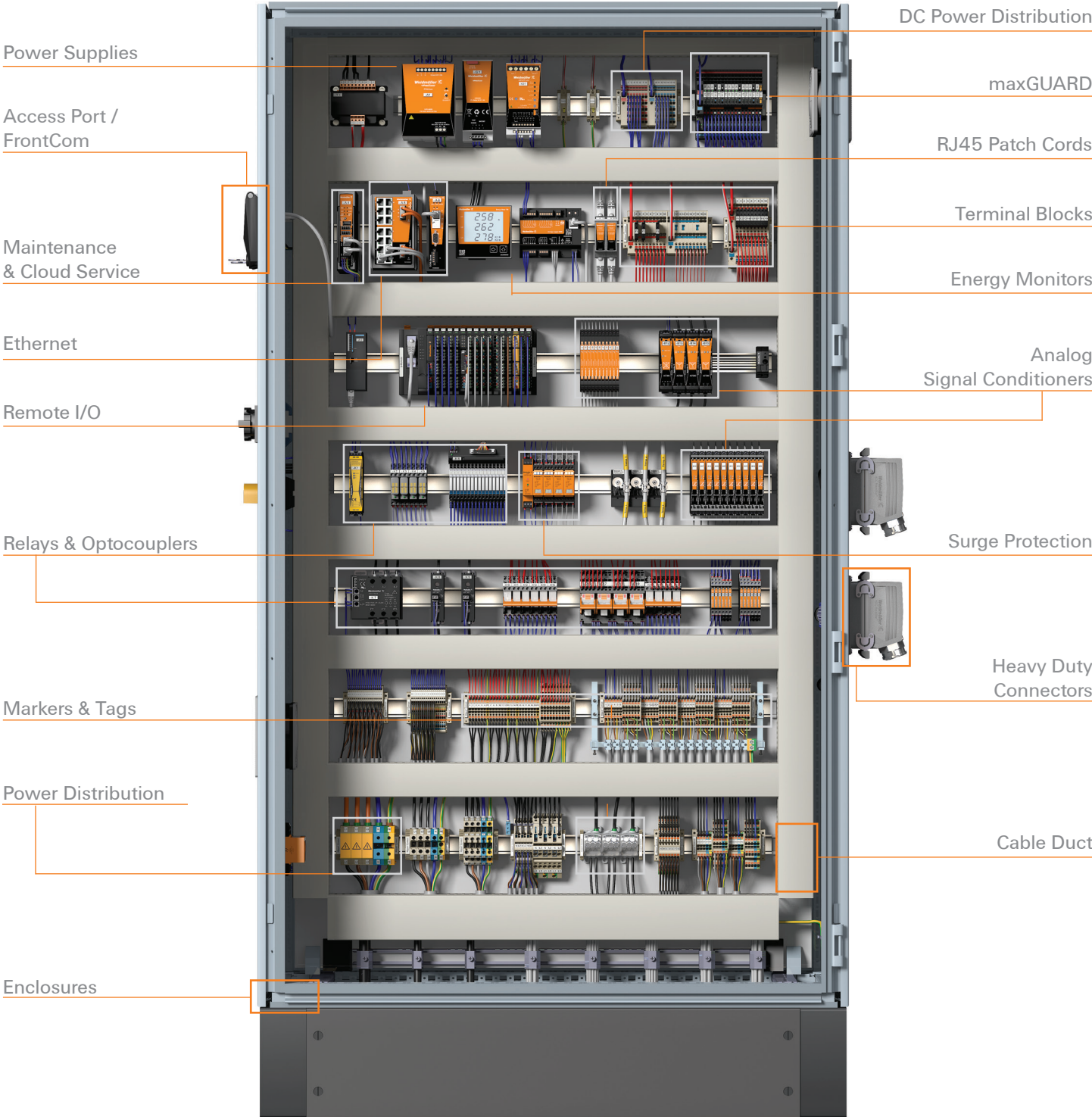
North America

Marshalling Solutions Catalog



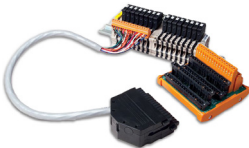
Weidmüller 

Weidmüller



Weidmüller – Your Solution Partner in Industrial Connectivity

Marshalling Solutions for Control Systems



DCS Marshalling System **3**



Typical Application Configurations **4**



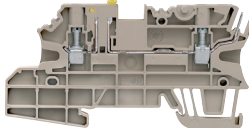
Field Termination Assemblies **6**



Terminal Block Kits **22**



Cables - Cable Assembly **32**



Terminal Blocks - Multi-functional Terminals **55**

Marshalling Cable Solutions

Find Your Marshalling Cable Solutions on www.weidmuller.com

Weidmuller has teamed with designers to provide a simple and easy solution to marshal DCS control systems. This complete marshalling system features two field wiring termination options with using either field termination assemblies or terminal blocks and engineered marshalling cables.

On Weidmuller.com, we provide you with these components and the information needed to design your complete marshalling system:

- **Engineered Marshalling Cables**

These special cables are designed and built to make connections to your DCS simple and easy. A handy cable designer utility, the Marshalling Cable Configurator, has been developed to make cable design, selection, and cost evaluation straightforward and fast (custom-built cables in 3 quick steps).

Marshalling Cable Drawings are also provided online. These detailed cable specification drawings include in wiring tables, wiring diagrams, bills of materials and engineered drawings are provided.

- **Field Termination Assemblies**

Featuring a range of field termination assemblies (FTAs) that include discrete and analog versions. Some versions will feature disconnects and test points. Downloadable drawings available for each FTA.

- **Terminal Block Kits**

Weidmuller offers a full line of terminal blocks with pluggable connectors. These terminal blocks have been custom kitted in eight configurations.

- **Marshalling Cable Specifications**

To start designing your complete marshalling system, visit: www.weidmuller.com/marshalling

Start > Products > Connectivity > Marshalling Cable Solutions

Marshalling Cable Solutions

Design your complete marshalling system

GO TO MARSHALLING CABLE CONFIGURATOR

Solutions Overview

- Field Termination Assemblies**
A range of field termination
- Terminal Block Kits**
Weidmuller offers a full line of
- Cables**
These special cables are designed
- Typical Application Configurations**

Marshalling Solutions

Weidmuller has created a complete system of field wiring termination and control system marshalling for Distributed Control Systems (DCS) or Programmable Logic Controller (PLC). This system is comprised of modular components or assemblies that allow for fast, error-free connection of field devices and controllers. These components include:

Marshalling Cables

Available in lengths from 1.5 to 100 meters with a variety of end treatments, including:

- Ferruled flying leads
- Tinned flying leads
- Blunt flying leads
- Pluggable 5.08mm connectors (BLZP)
- Ring Lug leads
- Pluggable Clamshell connectors

All cables are marked at each point and contain drain connections on each cable end.

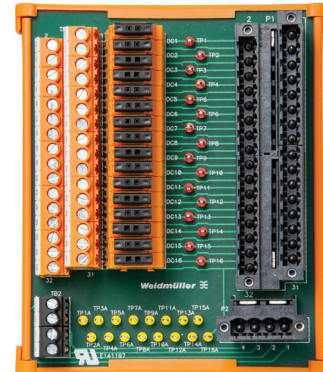


Field Termination Assemblies (FTA)

A full line of interface modules is available which greatly reduces cabinet space, shortens the time to marshal and provides error-free connections.

Weidmuller FTAs include:

- 8, 16, 24, 48 channel versions
- Field wiring left or right versions
- Screw termination or tension clamp connections
- LED status indication
- Channel disconnects
- Versions with or without test points.



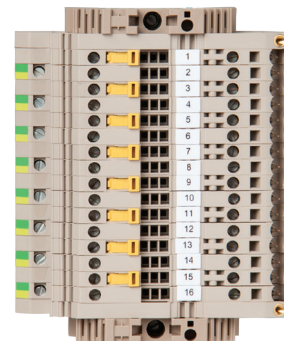
Terminal Block Kits

For ease of use and flexibility, nothing beats terminal blocks. Weidmuller has created a selection of pre-bundled kits using the industry leading multi-function terminal block line, the WMF.

The kits include:

- 4, 8, 16, 32 channel versions
- Pluggable and screw connections
- Integrated ground (PE)
- Versions with or without test points
- Versions with or without disconnect

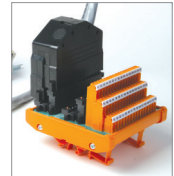
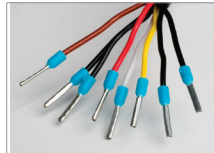
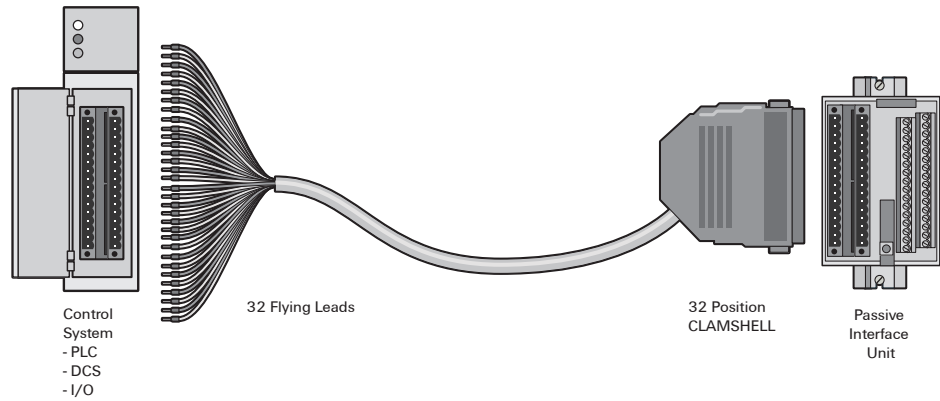
Using these modular components, almost any combination of discrete or analog signals can be marshalled or wired, regardless of the DCS or PLC used.



Typical Application Configurations

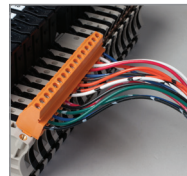
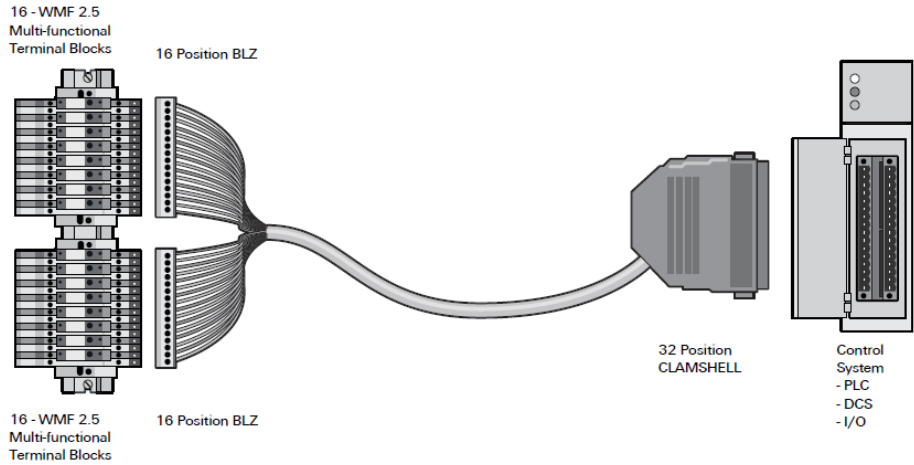
This marshalling solution has a 32-conductor cable with ferruled flying leads on one end for easy connection to the front panel of the controller. The field end has a 32 position Clamshell connector that can easily plug into a Weidmuller 32 pole interface board.

- Ferruled conductors
- Wiring flexibility
- Reduced termination time
- Color-coded conductors



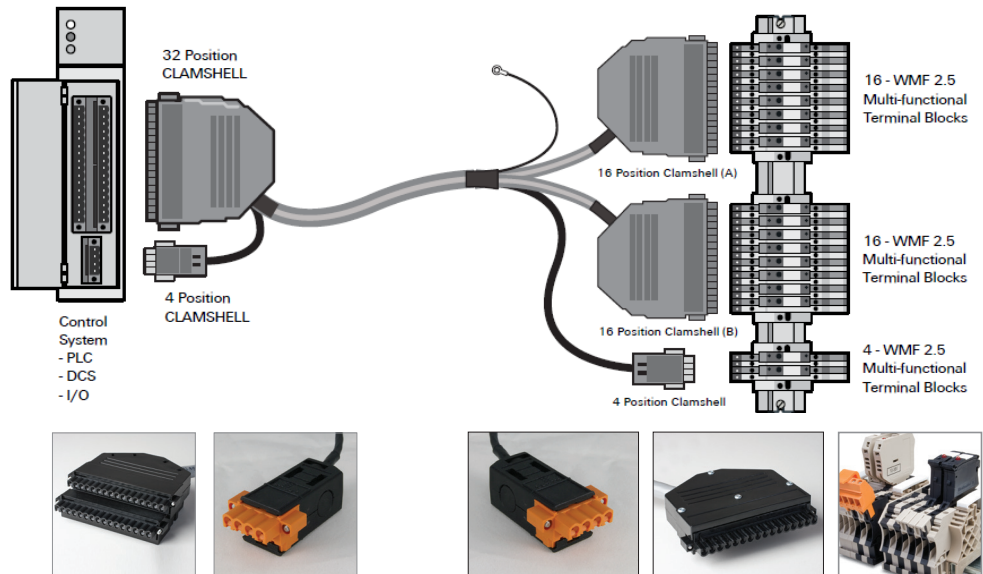
Marshalling is made easy with a 32 position Clamshell connector for connection on the DCS, along with two-16 position BLZP 5.08 connectors on the field end for a strong connection to the Weidmuller WMF terminal block grouping.

- Reduced termination time
- Color-coded conductors



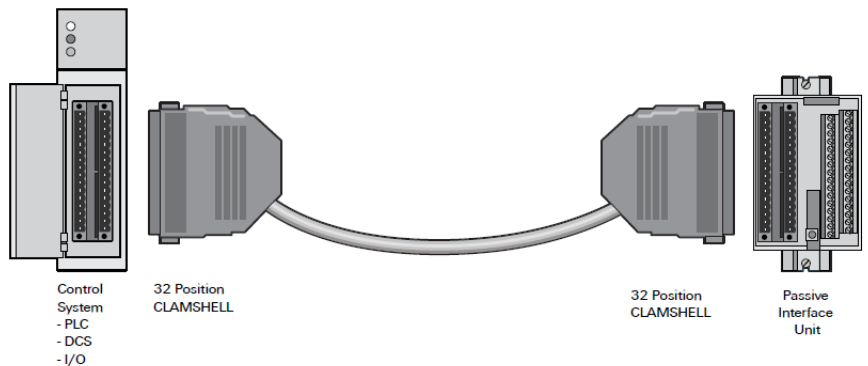
This cable is a 36 conductor cable with a 32 position Clamshell connector for easy connection on the DCS side along with a 4 position clamshell connector break out for separated potential connections. On the field side we have two-16 pole Clamshell connectors and a 4 position clamshell connector separate. These connectors provide connection to the Weidmuller WMF terminal block grouping.

- Reduced wiring time
- Four added positions for power distribution options
- Color-coded conductors



The 32 position to 32 position Clamshell cable is a great way to quickly connect between an interface module and the Control system.

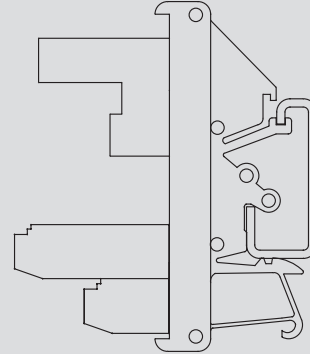
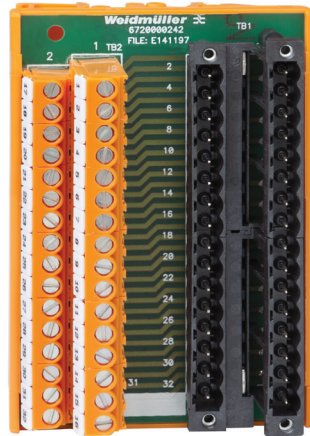
- Quick termination
- Reduced install time
- Keyed connectors to reduce potential wiring errors



Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Field wiring terminations from LEFT side
- 16 Channels
- Feed through connections
- For analog/discrete signals
- 32 points
- Honeywell C300 IOTAs
 - CC-TAOX01/TAOX11/TAON01/TAON11: CC-TDIL01/TDIL11 (NEED 2): CC-TDI110/TDI120/TDI220/TDI230 (NEED 2): CC-TDOB01/TDOB11 (NEED 2)

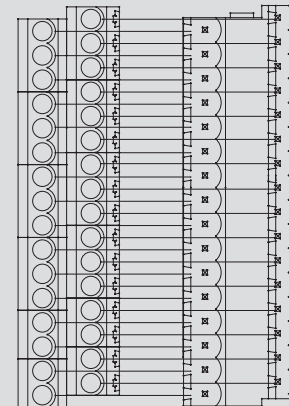
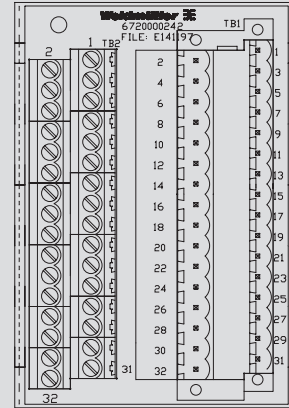
32 pole, feed through interface module (Field wiring left)



Technical data

Connection data	
Process side	
Type	
Torque	
Control side	
Type	
Rated data	
Rated voltage	250V
Max. current per channel	5A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
General Features	
LED status indicator per channel	No
Disconnection per channel	No
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	AWG 26 ...12
Insulation stripping length	6mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	4.0 x 2.8 x 2.6 / 101.6 x 71.1 x 66
Note	

Screw connection
LL2N terminal
4.4 in-lbs (0.5Nm)
Plug connection
CLAMSHELL SLD 32-Pole
250V
5A
0°C to +50°C
0°C to +50°C
No
No
No
No
No
No
AWG 26 ...12
6mm
cURus (E141197)
4.0 x 2.8 x 2.6 / 101.6 x 71.1 x 66



Ordering data

Screw connection
Note

Model	Qty	Part No.
32-pole, feed through interface module (Field wiring left)	1	6720000242

Accessories

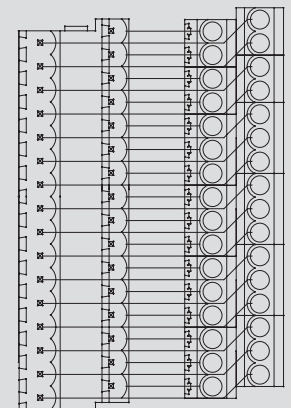
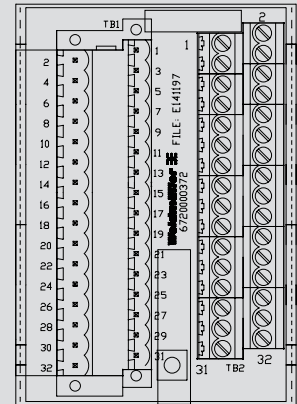
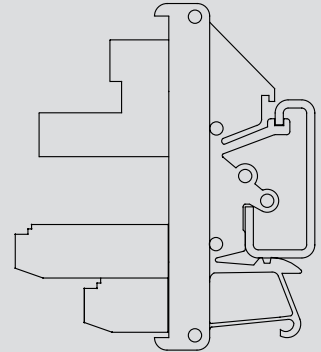
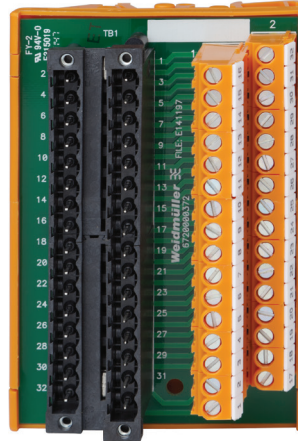
Optional Cable
Note

DWG No.
a clamshell 32-pole to clamshell 32-pole MS - C32x - C32x - Lxx - xxx
Required quantity based on Honeywell IOTA used

Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Field wiring terminations from RIGHT side
- 16 Channels
- Feed through connections
- For analog/discrete signals
- 32 points
- Honeywell C300 IOTAs
 - CC-TAOX01/TAOX1 1/TAON01/TAON11: CC-TDIL01/TDIL1 1 (NEED 2): CC-TDI1 10/TDI120/TDI220/TDI230 (NEED 2): CC-TDOB01/TDOB11 (NEED 2)

32 pole, feed through interface module (Field wiring right)



Technical data

Connection data	
Process side	
Type	
Torque	
Control side	
Type	
Rated data	
Rated voltage	
Max. current per channel	
Operating temperature	
Storage temperature	
General Features	
LED status indicator per channel	
Disconnection per channel	
Voltage measuring test points	
Current measuring test points	
Fuse via channel	
Supply voltage LED status	
Power supply fuse	
Terminal wire size	
Insulation stripping length	
Approvals	
Standards	
Dimensions	
Length x width x height (inches / mm)	
Note	

Screw connection
LL2N terminal
4.4. in-lbs (0.5Nm)
Plug connection
CLAMSHELL SLD 32-Pole
250V
5A
0°C to +50°C
0°C to +50°C
No
No
No
No
No
No
AWG 26 ... 12
cURus (E141197)
4.0 x 2.8 x 2.6 / 101.6 x 71.1 x 66

Ordering data

Screw connection
Note

Model	Qty	Part No.
32-pole, feed through interface module (Field wiring right)	1	6720000372

Accessories

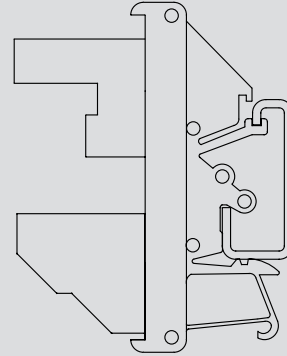
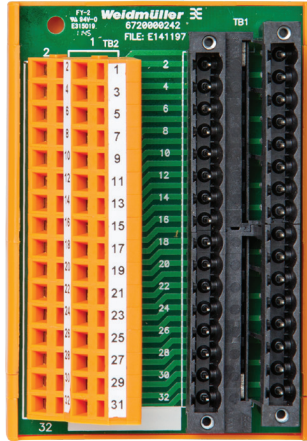
Optional Cable
Note

	DWG No.
a clamshell 32-pole to clamshell 32-pole	MS - C32x - C32x - Lxx - xxx
Required quantity based on Honeywell IOTA used	

Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Field wiring terminations from LEFT side
- 16 Channels
- Feed through connections
- For analog/discrete signals
- 32 points
- Honeywell C300 IOTAs
 - CC-TAOX01/TAOX11/TAON01/TAON11: CC-TDIL01/TDIL11 (NEED 2): CC-TDI110/TDI120/TDI220/TDI230 (NEED 2): CC-TDOB01/TDOB11 (NEED 2)

32 pole, feed through interface module (Field wiring left)



Technical data

Connection data	
Process side	
Type	
Torque	
Control side	
Type	
Rated data	
Rated voltage	
Max. current per channel	
Operating temperature	
Storage temperature	
General Features	
LED status indicator per channel	
Disconnection per channel	
Voltage measuring test points	
Current measuring test points	
Fuse via channel	
Supply voltage LED status	
Power supply fuse	
Terminal wire size	
Insulation stripping length	
Approvals	
Standards	
Dimensions	
Length x width x height (inches / mm)	
Note	

Tension connection	
LL2NZF terminal	
N / A	
Plug connection	
CLAMSHELL SLD 32-Pole	
250V	
5A	
0°C to +50°C	
0°C to +50°C	
No	
No	
No	
No	
No	
No	
AWG 24 ... 14	
7.5mm	
cURus (E141197)	
4.0 x 2.8 x 2.6 / 101.6 x 71.1 x 66	

Ordering data

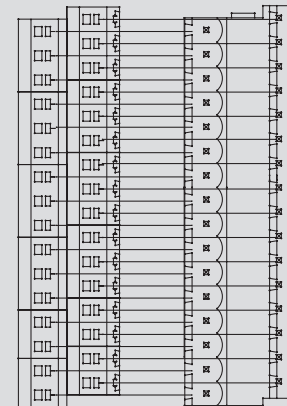
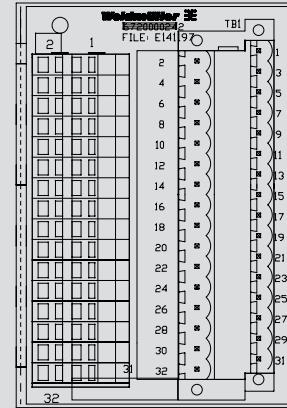
Tension connection	
Note	

Model	Qty	Part No.
32-pole, feed through interface module (Field wiring left)	1	7940099802

Accessories

Optional Cable	
Note	

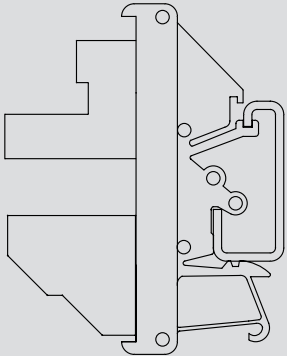
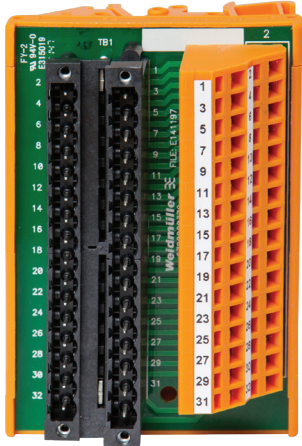
	DWG No.
a clamshell 32-pole to clamshell 32-pole	MS - C32x - C32x - Lxx - xxx
Required quantity based on Honeywell IOTA used	



Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Field wiring terminations from RIGHT side
- 16 Channels
- Feed through connections
- For analog/discrete signals
- 32 points
- Honeywell C300 IOTAs
 - CC-TAOX01/TAOX11/TAON01/TAON11: CC-TDIL01/TDIL11 (NEED 2): CC-TDI110/TDI120/TDI220/TDI230 (NEED 2): CC-TDOB01/TDOB11 (NEED 2)

32 pole, feed through interface module (Field wiring right)



Technical data

Connection data	
Process side	
Type	
Torque	
Control side	
Type	
Rated data	
Rated voltage	
Max. current per channel	
Operating temperature	
Storage temperature	
General Features	
LED status indicator per channel	No
Disconnection per channel	No
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	AWG 24 ... 14
Insulation stripping length	7.5mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	4.0 x 2.8 x 2.6 / 101.6 x 71.1 x 66
Note	

Tension connection	LL2NZF terminal
N / A	
Plug connection	CLAMSHELL SLD 32-Pole
Rated voltage	250V
Max. current per channel	5A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
LED status indicator per channel	No
Disconnection per channel	No
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	AWG 24 ... 14
Insulation stripping length	7.5mm
Standards	cURus (E141197)
Dimensions	4.0 x 2.8 x 2.6 / 101.6 x 71.1 x 66

Ordering data

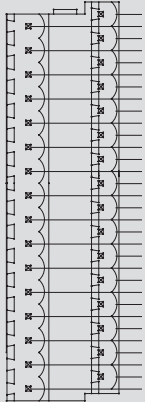
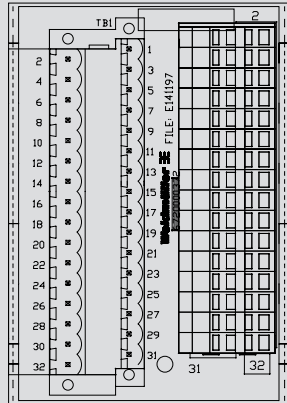
Model	Qty	Part No.
Tension connection	1	6720000588
Note		

Model	Qty	Part No.
32-pole feed through interface module (Field wiring right)	1	6720000588
Note		

Accessories

Optional Cable	MS - C32x - C32x - Lxx - xxx
Note	

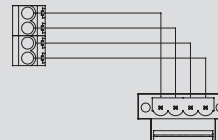
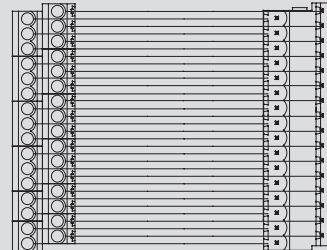
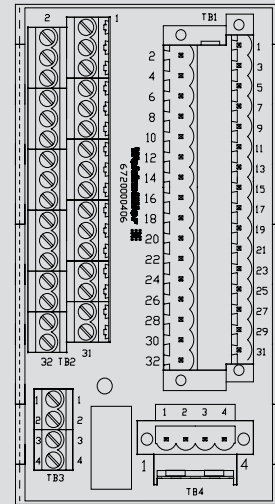
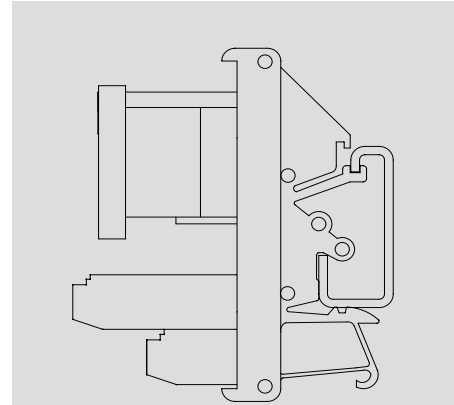
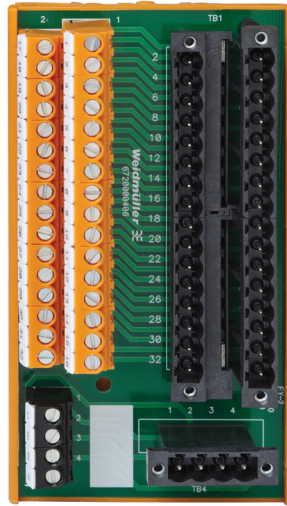
Optional Cable	MS - C32x - C32x - Lxx - xxx	DWG No.
a clamshell 32-pole to clamshell 32-pole	MS - C32x - C32x - Lxx - xxx	
Note	Required quantity based on Honeywell IOTA used	



Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Field wiring terminations from LEFT side
- 16 Channels
- Feed through connections
- For analog signals
- 32 points
- 4 additional terminations for power/return connections
- Honeywell C300 IOTAs
- CC-TAIX01/TAIX11

32 pole + 4, feed through interface module (Field wiring left)



Technical data

Connection data	
Process side	Screw connection
Type	LL2N terminal
Torque	4.4. in-lbs (0.5Nm)
Control side	Plug connection
Type	CLAMSHELL SLD 32-Pole
Rated data	
Rated voltage	250V
Max. current per channel	5A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
General Features	
LED status indicator per channel	No
Disconnection per channel	No
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	AWG 26 ...12
Insulation stripping length	6mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	5.1 x 2.8 x 2.6 / 129.5 x 71.1 x 66
Note	

Ordering data

	Model	Qty	Part No.
Screw connection	32-pole plus 4-pole power, feed through interface module (Field wiring left)	1	6720000406
Note			

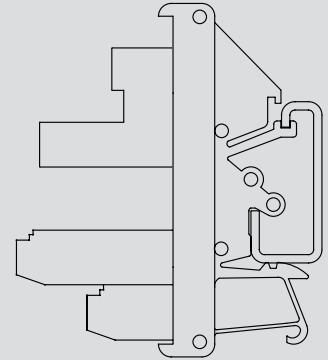
Accessories

	DWG No.
Optional Cables	a clamshell 32-pole each end MS - C32x - C32x - Lxx - xxx
	a clamshell 32-pole + 4-pole each end MS - C2+xxx - C2+xxx - Lxx - xxx
Note	

Field Termination Assembly

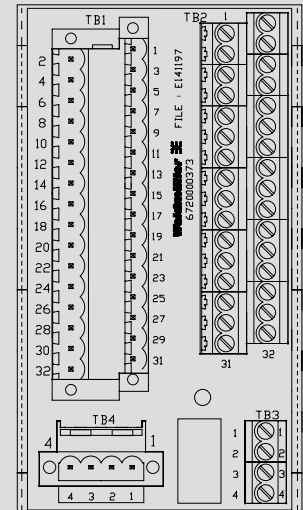
- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Field wiring terminations from RIGHT side
- 16 Channels
- Feed through connections
- For analog signals
- 32 points
- 4 additional terminations for power/return connections
- Honeywell C300 IOTAs
- CC-TAIX01/TAIX11

32 pole + 4, feed through interface module (Field wiring right)



Technical data

Connection data	
Process side	Screw connection
Type	LL2N terminal
Torque	4.4. in-lbs (0.5Nm)
Control side	Plug connection
Type	CLAMSHELL SLD 32-Pole
Rated data	
Rated voltage	250V
Max. current per channel	5A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
General Features	
LED status indicator per channel	No
Disconnection per channel	No
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	AWG 26 ...12
Insulation stripping length	6mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	5.1 x 2.8 x 2.6 / 129.5 x 71.1 x 66
Note	



Ordering data

Model	Qty	Part No.
Screw connection 32-pole plus 4-pole power, feed through interface module (Field wiring right)	1	6720000373

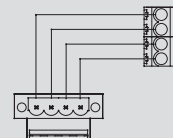
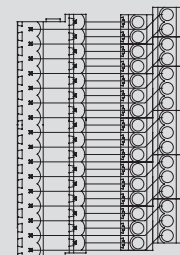
Note

Accessories

DWG No.

- a clamshell 32-pole each end MS - C32x - C32x - Lxx - xxx
- a clamshell 32-pole + 4-pole each end MS - C2+xxx - C2+xxx - Lxx - xxx

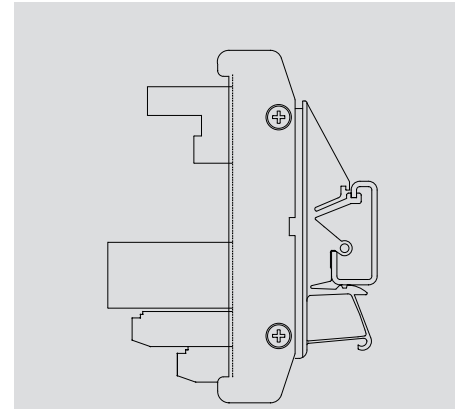
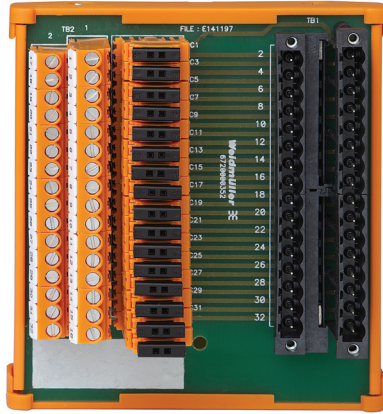
Note



Field Termination Assembly

- CLAMSHELL style connection on module
- Disconnects for each channel
- Reduce Cabinet Space
- Field wiring terminations from LEFT side
- 16 Channels
- Feed through connections with disconnects
- For analog/discrete signals
- 32 poles
- Honeywell C300 IOTAs
 - CC-TAOX01/TAOX11/TAON01/TAON11: CC-TDIL01/TDIL11 (NEED 2); CC-TDOB01/TDOB11 (NEED 2)

32 pole, disconnect interface module (Field wiring left)



Technical data

Connection data	
Process side	Screw connection
Type	LL2N terminal
Torque	4.4 in-lbs (0.5Nm)
Control side	Plug connection
Type	CLAMSHELL SLD 32-Pole
Rated data	
Rated voltage	250V
Max. current per channel	5A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
General Features	
LED status indicator per channel	No
Disconnection per channel	Yes
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	AWG 26 ...12
Insulation stripping length	6mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	4.7 x 4.4 x 3.6 / 119.4 x 111.8 x 91.5
Note	

Connection data	
Process side	Screw connection
Type	LL2N terminal
Torque	4.4 in-lbs (0.5Nm)
Control side	Plug connection
Type	CLAMSHELL SLD 32-Pole
Rated data	
Rated voltage	250V
Max. current per channel	5A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
General Features	
LED status indicator per channel	No
Disconnection per channel	Yes
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	AWG 26 ...12
Insulation stripping length	6mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	4.7 x 4.4 x 3.6 / 119.4 x 111.8 x 91.5
Note	

Ordering data

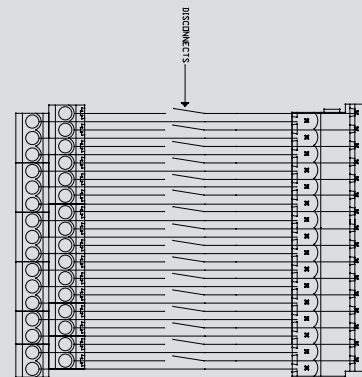
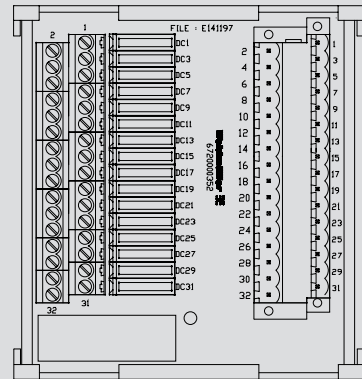
Screw connection	
Note	

Model	Qty	Part No.
32-pole, disconnect interface module (Field wiring left)	1	7940099786
Disconnects located on terminals 1,3,5....29,31		

Accessories

Optional Cable	
Note	

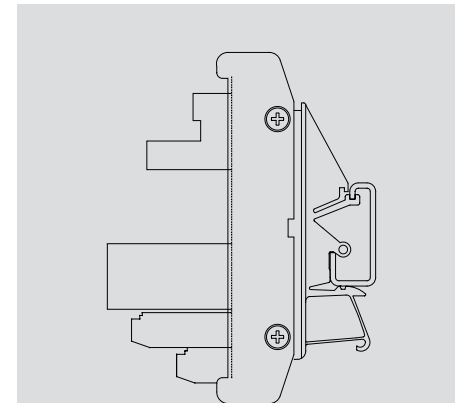
DWG No.	
a clamshell 32-pole to clamshell 32-pole	MS - C32x - C32x - Lxx - xxx
Required quantity based on Honeywell IOTA used	



Field Termination Assembly

- CLAMSHELL style connection on module
- Disconnects for each channel
- Reduce Cabinet Space
- Field wiring terminations from RIGHT side
- 16 Channels
- Feed through connections with disconnects
- For analog/discrete signals
- 32 points
- Honeywell C300 IOTAs
 - CC-TAOX01/TAOX11/TAON01/TAON11: CC-TDIL01/TDIL11 (NEED 2): CC-TDOB01/TDOB11 (NEED 2)

32 pole, disconnect interface module (Field wiring right)



Technical data

Connection data	
Process side	
Type	
Torque	
Control side	
Type	
Rated data	
Rated voltage	
Max. current per channel	
Operating temperature	
Storage temperature	
General Features	
LED status indicator per channel	
Disconnection per channel	
Voltage measuring test points	
Current measuring test points	
Fuse via channel	
Supply voltage LED status	
Power supply fuse	
Terminal wire size	
Insulation stripping length	
Approvals	
Standards	
Dimensions	
Length x width x height (inches / mm)	
Note	

Screw connection	
LL2N terminal	
4.4 in-lbs (0.5Nm)	
Plug connection	
CLAMSHELL SLD 32-Pole	
250V	
5A	
0°C to +50°C	
0°C to +50°C	
No	
Yes	
No	
No	
No	
No	
AWG 26 ... 12	
6mm	
cURus (E141197)	
4.7 x 4.4 x 3.6 / 119.4 x 111.8 x 91.5	

Ordering data

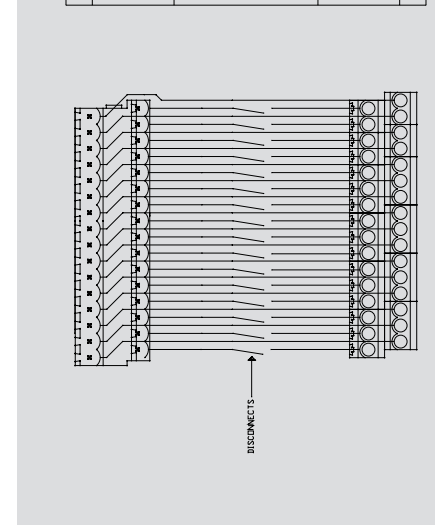
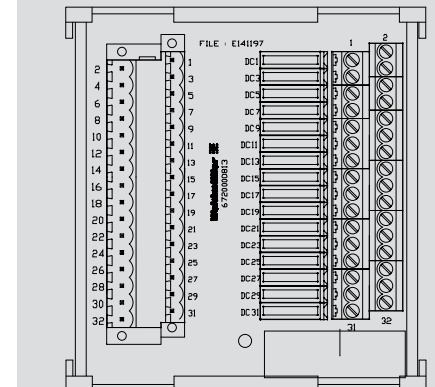
Screw connection	
Note	

Model	Qty	Part No.
32-pole, disconnect interface module (Field wiring right)	1	6720000813
Disconnects located on terminals 1,3,5...29,31		

Accessories

Optional Cable	
Note	

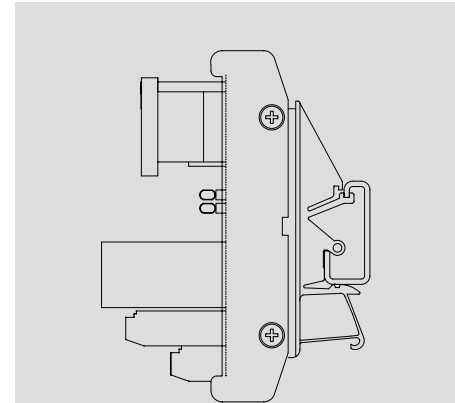
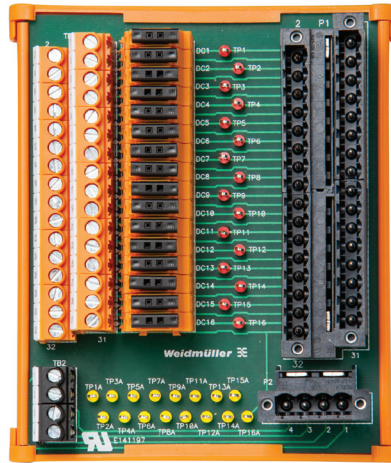
	DWG No.
a clamshell 32-pole to clamshell 32-pole	MS - C32x - C32x - Lxx - xxx
Required quantity based on Honeywell IOTA used	



Field Termination Assembly

- CLAMSHELL style connection on module
- Test points for HART monitoring
- Disconnects for each channel
- Reduce Cabinet Space
- Field wiring termination from LEFT side
- 16 channels
- Feed through connections with disconnects
- For analog signals
- 32 points
- 4 additional terminations for power/ return connections
- Honeywell C300 IOTAs
 - CC-TAOX01/TAOX11/TAON01/TAON1: CC-TDIL01/TDIL11 (NEED 2)

32 pole + 4, disconnect interface module (Field wiring left)



Technical data

Connection data	
Process side	
Type	
Torque	
Control side	
Type	
Rated data	
Rated voltage	
Max. current per channel	
Operating temperature	
Storage temperature	
General Features	
LED status indicator per channel	
Disconnection per channel	
Voltage measuring test points	
Current measuring test points	
Fuse via channel	
Supply voltage LED status	
Power supply fuse	
Terminal wire size	
Insulation stripping length	
Approvals	
Standards	
Dimensions	
Length x width x height (inches / mm)	
Note	

		Screw connection
		LL2N terminal
		4.4 in-lbs (0.5Nm)
		Plug connection
		CLAMSHELL SLD 32-Pole
		50V
		1A
		0°C to +50°C
		0°C to +50°C
		No
		Yes
		Yes
		No
		No
		No
		AWG 26 ...12
		6mm
		cURus (E141197)
		5.1 x 4.4 x 3.6 / 129.5 x 111.8 x 91.5

Ordering data

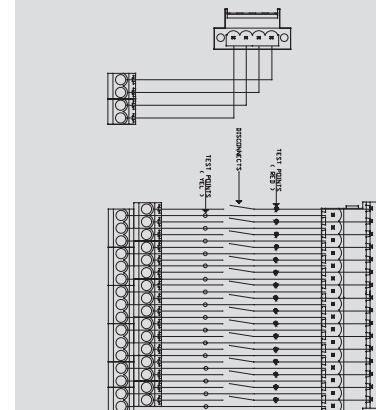
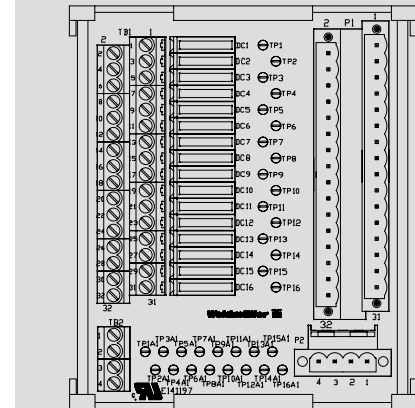
Screw connection	
Note	

Model	Qty	Part No.
32-pole, disconnect interface module (Field wiring left)	1	7940099815
Disconnects located on terminals 1,3,5....29,31		

Accessories

Optional Cables	
Note	

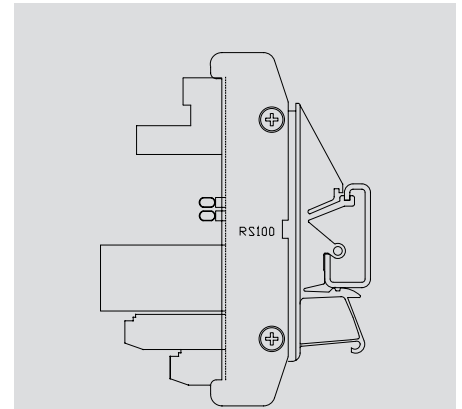
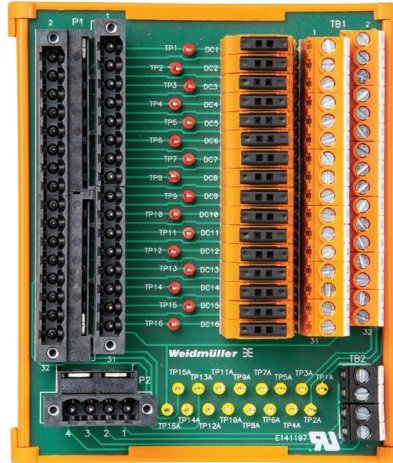
		DWG No.
a clamshell		
32-pole to clamshell	MS - C32x - C32x - Lxx - xxx	
32-pole OR a clamshell 32-pole		
+	MS - C2+xxx - C2+xxx - Lxx - xxx	
4-pole each end		
Required quantity based on Honeywell IOTA used		



Field Termination Assembly

- CLAMSHELL style connection on module
- Test points for HART monitoring
- Disconnects for each channel
- Reduce Cabinet Space
- Field wiring termination from RIGHT side
- 16 channels
- Feed through connections with disconnects
- For analog signals
- 32 points
- 4 additional terminations for power/return connections
- Honeywell C300 IOTAs
 - CC-TAOX01/TAOX11/TAON01/TAON11: CC-TDIL01/TDIL11 (NEED 2)

32 pole + 4, disconnect interface module (Field wiring right)



Technical data

Connection data	
Process side	
Type	
Torque	
Control side	
Type	
Rated data	
Rated voltage	
Max. current per channel	
Operating temperature	
Storage temperature	
General Features	
LED status indicator per channel	No
Disconnection per channel	Yes
Voltage measuring test points	Yes
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	AWG 26 ... 12
Insulation stripping length	6mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	5.1 x 4.4 x 3.6 / 129.5 x 111.8 x 91.5
Note	

Screw connection	
LL2N terminal	
4.4 in-lbs (0.5Nm)	
Plug connection	
CLAMSHELL SLD 32-Pole	
50V	
1A	
0°C to +50°C	
0°C to +50°C	
No	
Yes	
Yes	
No	
No	
No	
AWG 26 ... 12	
6mm	
cURus (E141197)	
5.1 x 4.4 x 3.6 / 129.5 x 111.8 x 91.5	

Ordering data

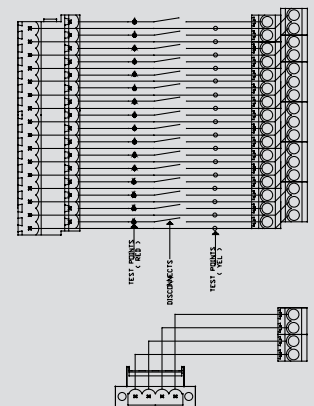
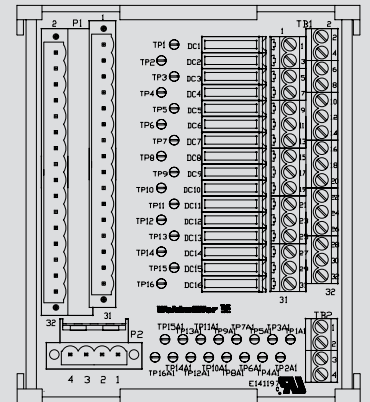
Screw connection	
Note	

Model	Qty	Part No.
32-pole, disconnect interface module (Field wiring right)	1	7940115765
Disconnects located on terminals 1,3,5...29,31		

Accessories

Optional Cables	
Note	

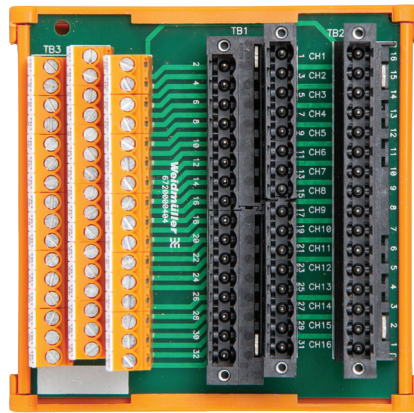
DWG No.	
a clamshell 32-pole to clamshell 32-pole OR a clamshell 32-pole + 4-pole each end	MS - C32x - C32x - Lxx - xxx MS - C2+xxx - C2+xxx - Lxx - xxx
Required quantity based on Honeywell IOTA used	



Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Field wiring terminations from LEFT side
- 16 Channels
- Feed through connections
- For differential analog input signals
- 48 points
- Honeywell C300 IOTAs
 - C-TAID01/TAID11

48 pole, differential feed through interface module (Field wiring left)



Technical data

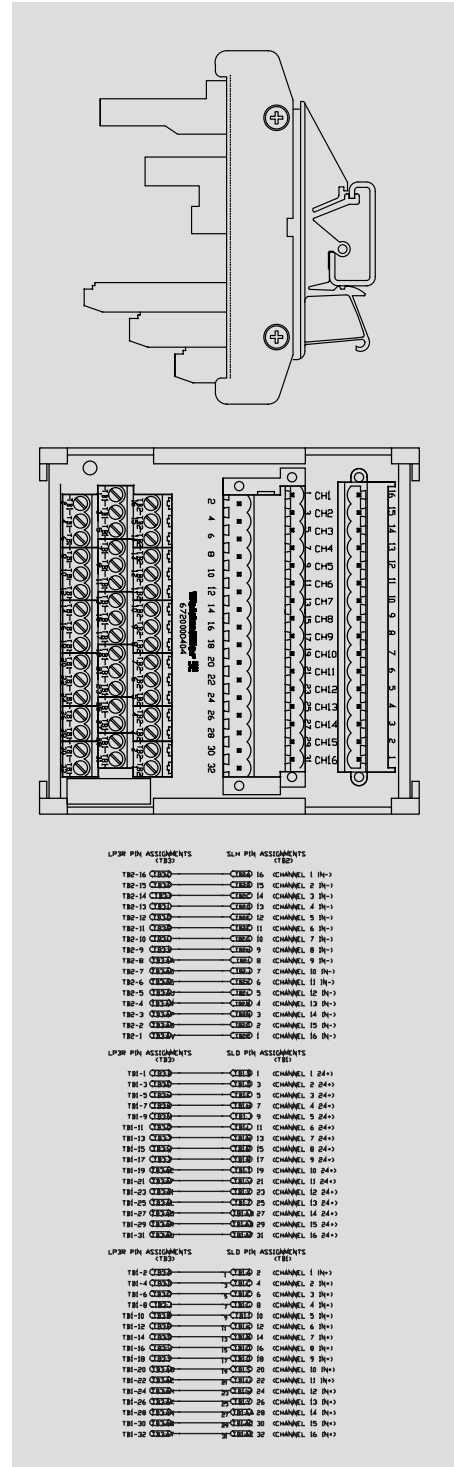
Connection data	
Process side	Screw connection
Type	LL2N terminal
Torque	4.4. in-lbs (0.5Nm)
Control side	
Type	Plug connection
	CLAMSHELL SLD 32-Pole and CLAMSHELL SLD 16-Pole
Rated data	
Rated voltage	250V
Max. current per channel	5A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
General Features	
LED status indicator per channel	No
Disconnection per channel	No
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	AWG 26 ...12
Insulation stripping length	6mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	4.2 x 4.4 x 3.7 / 106.7 x 111.8 x 94.0
Note	

Ordering data

Model	Qty	Part No.
48 pole, differential feed through interface module (Field wiring left)	1	672000404
Note		

Accessories

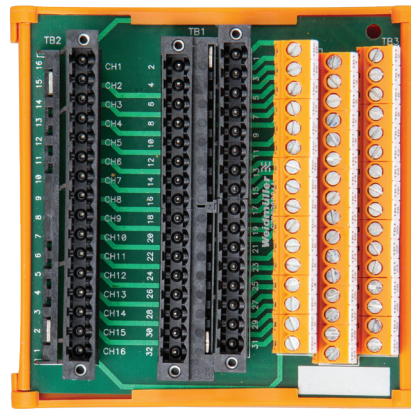
Optional Cables	MS - C32x - C32x - Lxx - xxx	DWG No.
a clamshell 32-pole to clamshell 32-pole	MS - C32x - C32x - Lxx - xxx	
a clamshell 16-pole each end	MS - C16x - C16x - Lxx - xxx	
Note		



Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Field wiring termination from RIGHT side
- 16 channels
- Feed through connections
- For differential analog input signals
- 48 points
- Honeywell C300 IOTAs
– CC-TAID01/TAID11

48 pole, differential feed through interface module (Field wiring right)



Technical data

Connection data	
Process side	
Type	
Torque	
Control side	
Type	
Rated data	
Rated voltage	
Max. current per channel	
Operating temperature	
Storage temperature	
General Features	
LED status indicator per channel	No
Disconnection per channel	No
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	AWG 26 ... 12
Insulation stripping length	6mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	4.2 x 4.4 x 3.7 / 106.7 x 111.8 x 94.0
Note	

Screw connection	
LL2N terminal	
4.4 in-lbs (0.5Nm)	
Plug connection	
CLAMSHELL SLD 32-Pole and CLAMSHELL SLD 16-Pole	
250V	
5A	
0°C to +50°C	
0°C to +50°C	

LED status indicator per channel	No
Disconnection per channel	No
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	AWG 26 ... 12
Insulation stripping length	6mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	4.2 x 4.4 x 3.7 / 106.7 x 111.8 x 94.0
Note	

Ordering data

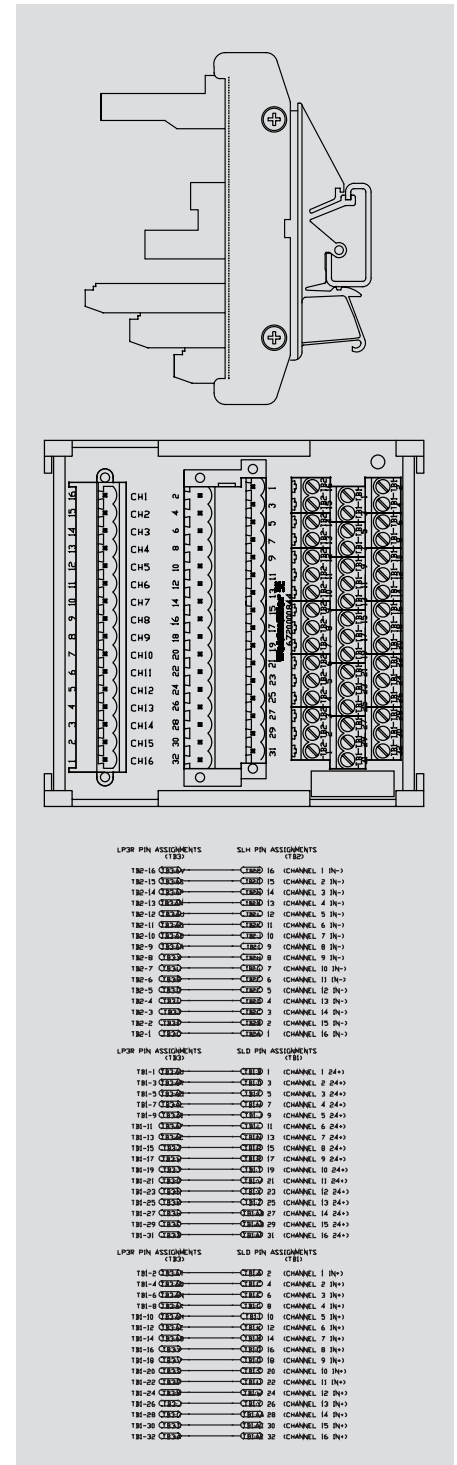
Model	Qty	Part No.
Screw connection	1	6720000844
Note		

Model	Qty	Part No.
48 pole, differential feed through interface module (Field wiring right)	1	6720000844
Note		

Accessories

Optional Cables	
Note	

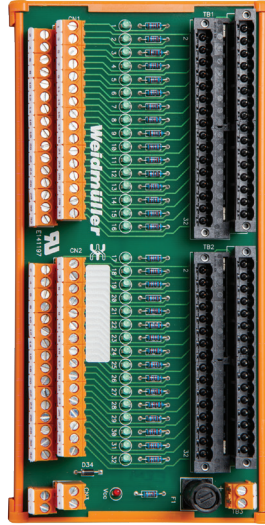
DWG No.	
a clamshell 32-pole to clamshell 32-pole	MS - C32x - C32x - Lxx - xxx
a clamshell 16-pole each end	MS - C16x - C16x - Rxx - xxx



Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Channel indication LED
- Field wiring termination from LEFT side
- 32 channels
- Feed through connections
- For digital input signals (non-line monitored)
- 64 points (2 x 32)
- Honeywell C300 IOTAs
 - CC-TDIL01/TDIL11 (NON-LINE MONITORED ONLY)

64 pole, digital input interface module with indication LED (Field wiring left)



Technical data

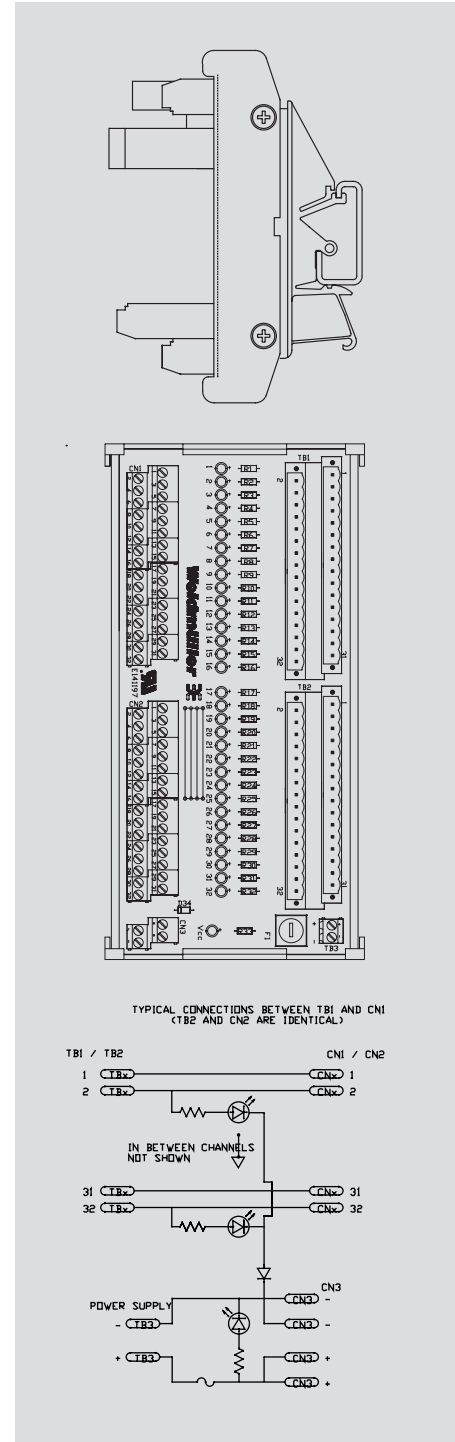
Connection data	
Process side	Screw connection
Type	LL2N terminal
Torque	4.4. in-lbs (0.5Nm)
Control side	Plug connection
Type	2 X CLAMSHELL SLD 32-Pole
Rated data	
Rated voltage	24 Vdc
Max. current per channel	1A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
General Features	
LED status indicator per channel	Yes
Disconnection per channel	No
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	Yes
Power supply fuse	Yes
Terminal wire size	AWG 26 ...12
Insulation stripping length	6mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	9.0 x 4.5 x 3.6 / 229 x 115 x 91.5
Note	For use with non-line monitored inputs only

Ordering data

Model	Qty	Part No.
32-channel digital input interface module (Field wiring left)	1	7940099800
For use with non-line monitored inputs only		

Accessories

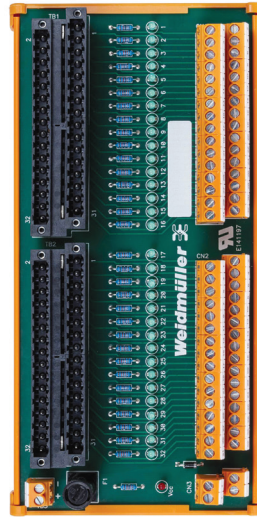
Optional Cables	DWG No.
a clamshell 32-pole to clamshell 32-pole	MS - C32x - C32x - Lxx - xxx
Note	



Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Channel indication LED
- Field wiring termination from RIGHT side
- 32 channels
- Feed through connections
- For digital input signals (non-line monitored)
- 64 points (2 x 32)
- Honeywell C300 IOTAs
 - CC-TDIL01/TDIL11 (NON-LINE MONITORED ONLY)

64 pole, digital input interface module with indication LED (Field wiring right)



Technical data

Connection data	
Process side	Screw connection
Type	LL2N terminal
Torque	4.4. in-lbs (0.5Nm)
Control side	Plug connection
Type	2 X CLAMSHELL SLD 32-Pole
Rated data	
Rated voltage	24 Vdc
Max. current per channel	1A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
General Features	
LED status indicator per channel	Yes
Disconnection per channel	No
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	Yes
Power supply fuse	Yes
Terminal wire size	AWG 26 ... 12
Insulation stripping length	6mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	9.0 x 4.5 x 3.6 / 229 x 115 x 91.5
Note	For use with non-line monitored inputs only

Process side	Screw connection
Type	LL2N terminal
Torque	4.4. in-lbs (0.5Nm)
Control side	Plug connection
Type	2 X CLAMSHELL SLD 32-Pole
Rated voltage	24 Vdc
Max. current per channel	1A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
LED status indicator per channel	Yes
Disconnection per channel	No
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	Yes
Power supply fuse	Yes
Terminal wire size	AWG 26 ... 12
Insulation stripping length	6mm
Approvals	cURus (E141197)
Standards	
Dimensions	
Length x width x height (inches / mm)	9.0 x 4.5 x 3.6 / 229 x 115 x 91.5
Note	For use with non-line monitored inputs only

Ordering data

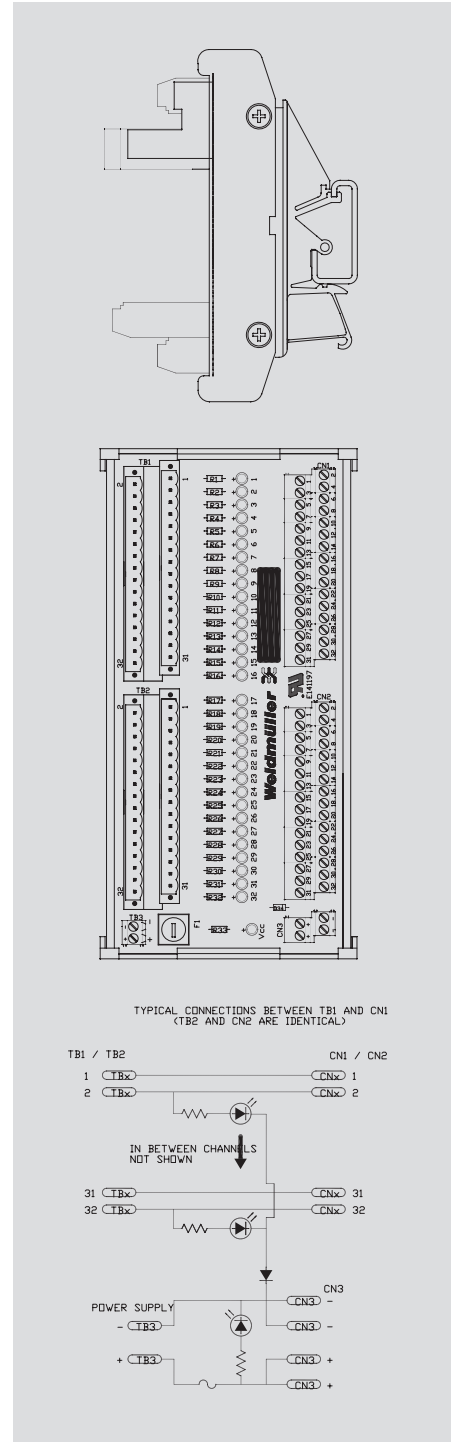
Screw connection	
Note	

Model	Qty	Part No.
32-channel digital input interface module (Field wiring right)	1	7940107757
For use with non-line monitored inputs only		

Accessories

Optional Cables	
Note	

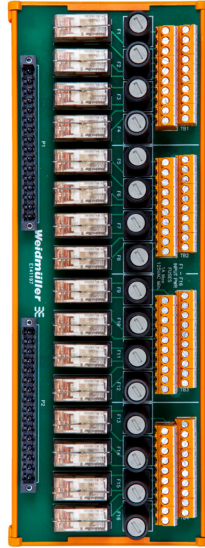
DWG No.	
a clamshell 32-pole to clamshell 32-pole	MS - C32x - C32x - Lxx - xxx



Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Field wiring termination from RIGHT side
- 16 channel
- Interposing relay input
- For digital input signals
- One form C contact per channel
- 32 points (Two points per channel)
- Honeywell C300 IOTAs
 - CC-TDIL01, CC-TDIL11,
 - Cx-TDIL51, Cx-TDIL61

32 pole, digital input relay module (Field wiring right)



Technical data

Connection data	
Process side	
Type	
Torque	
Control side	
Type	
Rated data	
Rated voltage (control/field)	
Dry contacts	
Field power output	
Operating temperature	
Storage temperature	
General Features	
LED status indicator per channel	
Disconnection per channel	
Channel shield connections	
Voltage measuring test points	
Current measuring test points	
Fuse via channel	
Supply voltage LED status	
Power supply fuse	
Terminal wire size	
Insulation stripping length (TB3/TB5)	
Approvals	
Standards	
Dimensions	
Length x width x height (inches / mm)	
Note	

Screw connection
LL2N terminal
4.4 in-lbs (0.5Nm)
Plug connection
CLAMSHELL 2x16
24 Vdc / 125 Vac @ 6.7mA typical relay coil current
2-Amp input per channel maximum
1-Amp maximum per channel; 125 Vac max. (Fused: 1-1/4 x 1/4, 1A max) 4-Amp maximum per group of 4 channels
0°C to +50°C
0°C to +50°C
No
No
No
No
No
Yes (1-1/4 x 1/4, 1A max)
No
No
AWG 26 ... 12
6mm
cURus (E141197)
11.5 x 4.4 x 4.3 / 292 x 111.8 x 110

Ordering data

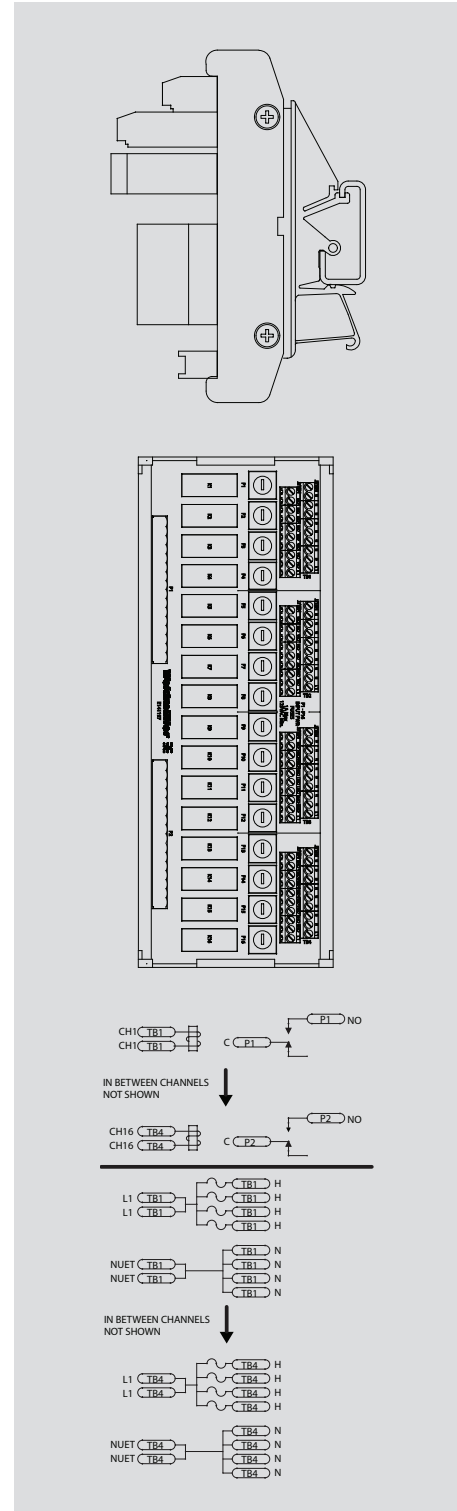
Screw connection
Note

Model	Qty	Part No.
16-channel, digital input relay assembly (Field wiring right)	1	6720000760

Accessories

Optional Cables
Note

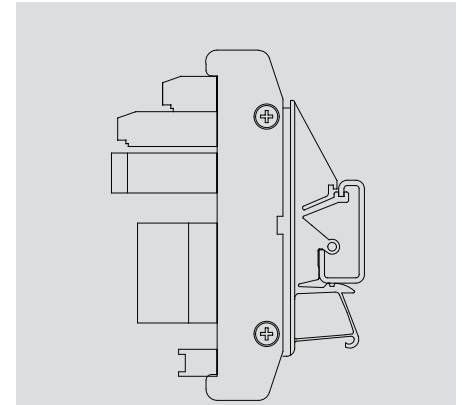
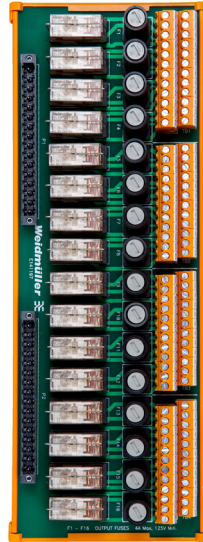
DWG No.	
a clamshell 32-point to 2 x clamshell 16-point	MS - C32x - C26x - Rxx - xxx



Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Field wiring termination from RIGHT side
- 16 channels
- Interposing relay output
- For digital output signals
- One form C contact per channel
- 32 points (Two points per channel)
- With LED indication on coil side of relay
- Honeywell C300 IOTAs
- CC-TDOB01/CC-TDOB11

32 pole, digital output relay module (Field wiring right)



Technical data

Connection data	
Process side	
Type	
Torque	
Control side	
Type	
Rated data	
Rated voltage (control/field)	
Dry contacts output	
Field power output	
Operating temperature	
Storage temperature	
General Features	
LED status indicator per channel	
Disconnection per channel	
Channel shield connections	
Voltage measuring test points	
Current measuring test points	
Fuse via channel	
Supply voltage LED status	
Power supply fuse	
Terminal wire size	
Insulation stripping length (TB3/TB5)	
Approvals	
Standards	
Dimensions	
Length x width x height (inches / mm)	
Note	

Screw connection	
LL2N terminal	
4.4. in-lbs (0.5Nm)	
Plug connection	
CLAMSHELL 2x16	
Rated data	
24 Vdc/125 Vac	
10-Amp per channel maximum	
4-Amp maximum per channel (Fused: 5x20mm, 4A max)	
16-Amp maximum per group of 4 channels	
0°C to +50°C	
0°C to +50°C	
General Features	
Yes	
No	
No	
No	
No	
Yes (5x20mm, 4A max)	
No	
No	
AWG 26 ...12	
6mm	
Approvals	
Standards	
Dimensions	
11.5 x 4.4 x 4.3 / 292 x 111.8 x 110	
Note	

Ordering data

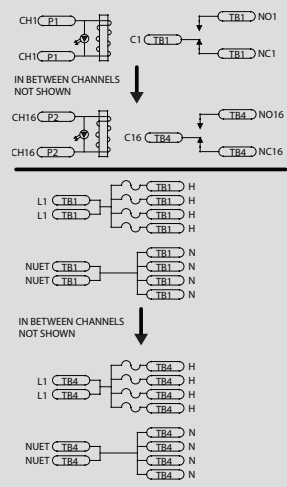
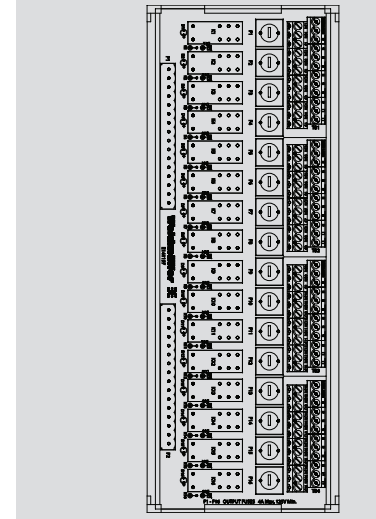
Screw connection	
Note	

Model	Qty	Part No.
32 point, 16-channel, digital output relay assembly (Field wiring right)	1	7940099842

Accessories

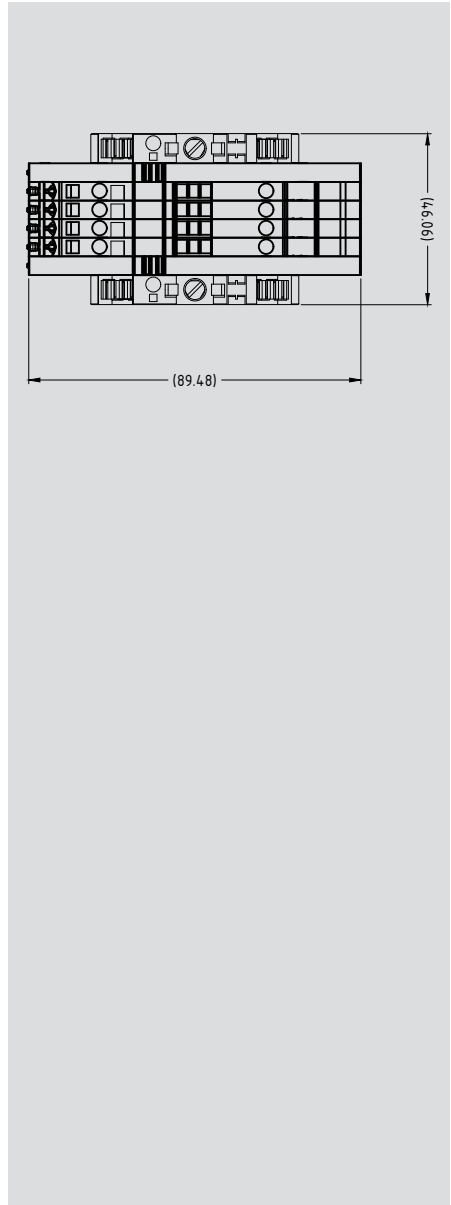
Optional Cables	
Note	

DWG No.	
a clamshell 32-point to 2 x clamshell 16-point	MS - C32x - C26x - Rxx - xxx



Terminal Block Kit

- WMF 2.5 BLZP Terminal Assembly
- Dekafix markers included
- Secured with rubber band
- 4-point version
- With pluggable BLZP interface



Technical data

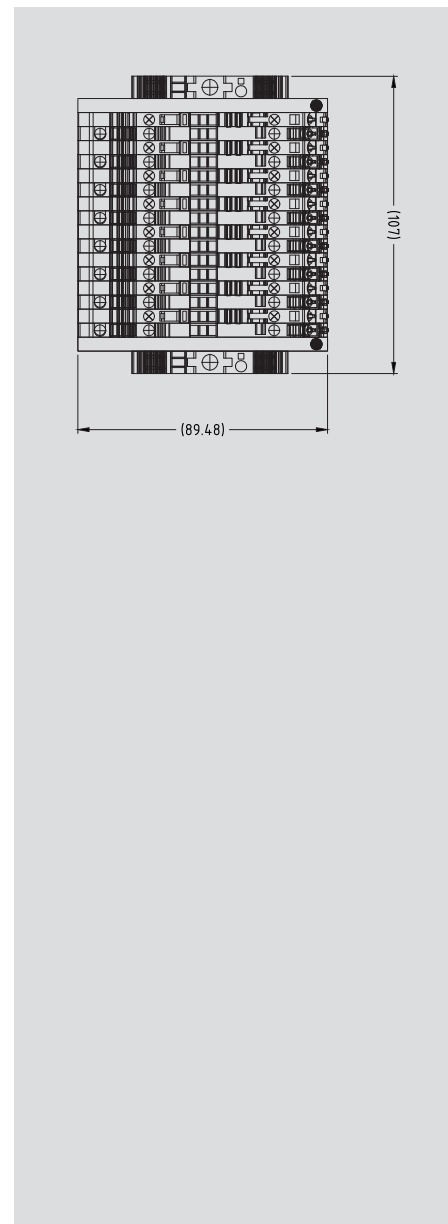
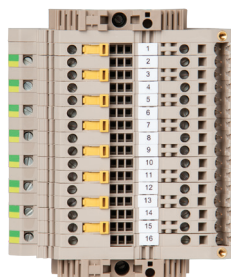
Connection data	
Process side	Screw connection
Type	WMF 2.5 BLZP Terminals
Torque	4.4 in - lbs (0.5 Nm)
Control side	Screw connection / Pluggable BLZP
Rated data	
Rated voltage	300V
Max. current per channel	10A
Operating temperature	-50°C to +120°C (Thermoplastic)
Storage temperature	
General Features	
LED status indicator per channel	-
Disconnection per channel	-
Voltage measuring test points	-
Current measuring test points	-
Fuse via channel	-
Supply voltage LED status	-
Power supply fuse	-
Terminal wire size	AWG 26 ... 12
Terminal Insulation stripping length	10mm
BLZP Insulation stripping length	7mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	3.5 x 1.85 x 1.8 / 90 x 47 x 45
Note	

Ordering data

Model	Qty	Part No.
4 point assembly WMF 4-CH BLZP 4; Screw connection	1	6760005174
Without PE Rail connection		
Note		

Terminal Block Kit

- WMF 2.5 BLZP Terminal Assembly
- WS 8/5 MC markers included
- Secured with rubber band
- 8-channel version
- With integrated ground connection
- With pluggable BLZP interface
- Disconnect for each channel
- With PE Rail connection



Technical data

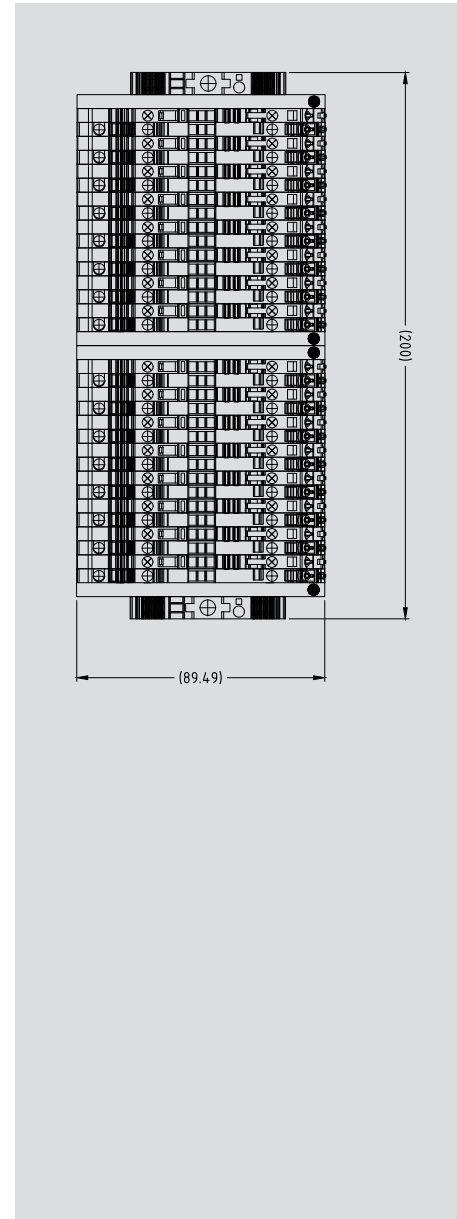
Connection data	
Process side	Screw connection
Type	WMF 2.5 BLZP and WMF 2.5 DI BLZP Terminals
Torque	4.4 in - lbs (0.5 Nm)
Control side	Screw connection / Pluggable BLZP
Rated data	
Rated voltage	300V
Max. current per channel	10A
Operating temperature	- 50°C - +120°C (Thermoplastic)
Storage temperature	
General Features	
LED status indicator per channel	-
Disconnection per channel	Yes
Voltage measuring test points	-
Current measuring test points	-
Fuse via channel	-
Supply voltage LED status	-
Power supply fuse	-
Terminal wire size	
Terminal Insulation stripping length	AWG 26 ... 12
BLZP Insulation stripping length	10mm
	7mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	3.5 x 4.2 x 1.8 / 90 x 107 x 45
8 channel/ 16 terminals	
Note	
	Disconnect location shown on drawing

Ordering data

Model	Qty	Part No.
8-Channel assembly WMF 8-CH BLZP 16; Screw/Plug Connection	1	6760005175
With PE Rail connection		
Note		

Terminal Block Kit

- WMF 2.5 BLZP Terminal Assembly
- WS 8/5 MC markers included
- Secured with rubber band
- 16-channel version
- With integrated ground connection
- With pluggable BLZP interface
- Disconnect for each channel
- With PE Rail connection



Technical data

Connection data	
Process side	Screw connection
Type	WMF 2.5 BLZP and WMF 2.5 DI BLZP Terminals
Torque	4.4 in - lbs (0.5 Nm)
Control side	Screw connection / Pluggable BLZP
Rated data	
Rated voltage	300V
Max. current per channel	10A
Operating temperature	- 50°C - +120°C (Thermoplastic)
Storage temperature	
General Features	
LED status indicator per channel	-
Disconnection per channel	Yes
Voltage measuring test points	-
Current measuring test points	-
Fuse via channel	-
Supply voltage LED status	-
Power supply fuse	-
Terminal wire size	AWG 26 ... 12
Terminal Insulation stripping length	10mm
BLZP Insulation stripping length	7mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	3.5 x 7.8 x 1.8 / 90 x 200 x 45
16 channel/ 32 terminals	
Note	Disconnect location shown on drawing

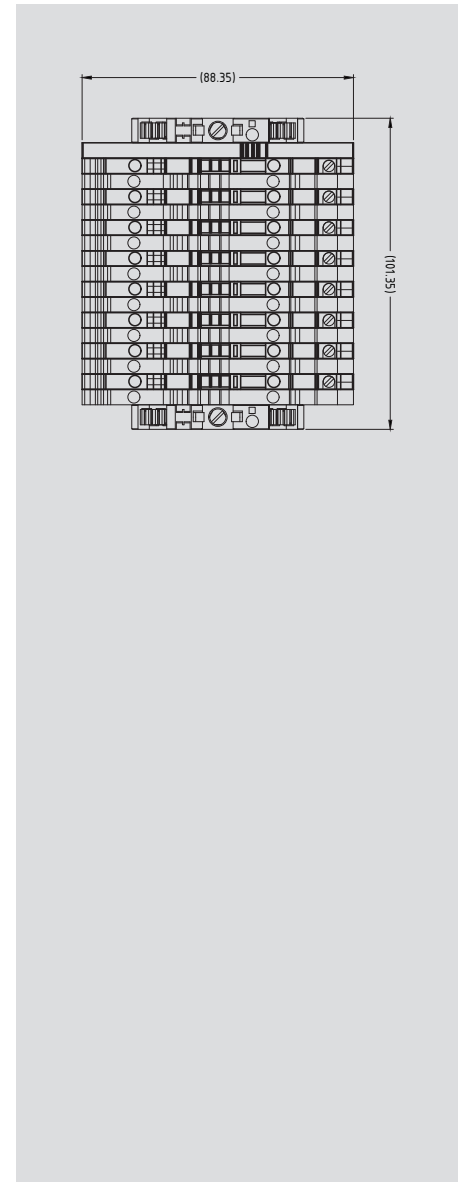
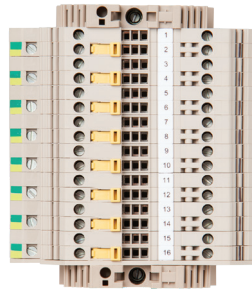
Ordering data

Model	Qty	Part No.
16-Channel assembly WMF 16-CH 2 x BLZP 16; Screw/Plug Connection	1	6760005176
With PE Rail connection		

Note

Terminal Block Kit

- WMF 2.5 Terminal Assembly with disconnects
- Dekafix markers included
- Secured with rubber band
- 8-channel version
- Screw connection to Screw connection
- Disconnect for each channel
- With PE Rail connection



Technical data

Connection data	
Process side	
Type	
Torque	
Control side	
Rated data	
Rated voltage	
Max. current per channel	
Operating temperature	
Storage temperature	
General Features	
LED status indicator per channel	
Disconnection per channel	
Voltage measuring test points	
Current measuring test points	
Fuse via channel	
Supply voltage LED status	
Power supply fuse	
Terminal wire size	
Terminal Insulation stripping length	
Approvals	
Standards	
Dimensions	
Length x width x height (inches / mm)	
Note	

Screw connection
WMF 2.5 and WMF 2.5 DI PE Terminals
4.4 in - lbs (0.5Nm)
Screw connection
300V
10A
-50°C to +120°C (Thermoplastic)
-
Yes
-
-
-
-
-
AWG 26 ... 12
10mm
cURus (E141197)
3.5 x 4.1 x 1.8 / 89 x 102 x 45
Disconnect location shown on drawing

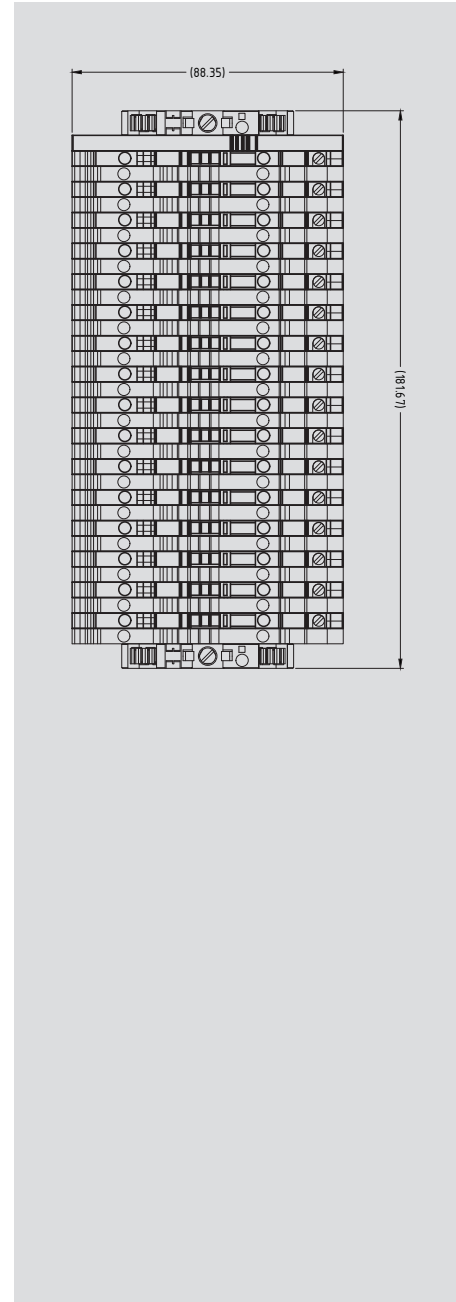
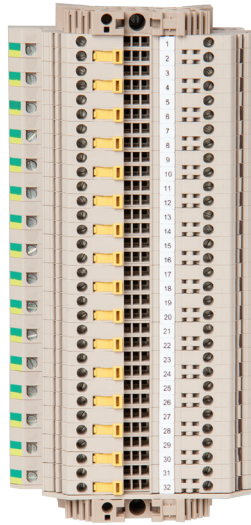
Ordering data

Note

Model	Qty	Part No.
8-Channel assembly WMF Standard; Screw connection	1	6760005177
With PE Rail connection		

Terminal Block Kit

- WMF 2.5 Terminal Assembly with disconnects
- Dekafix markers included
- Secured with rubber band
- 16-channel version
- Screw connection to Screw connection
- Disconnect for each channel
- With PE Rail connection

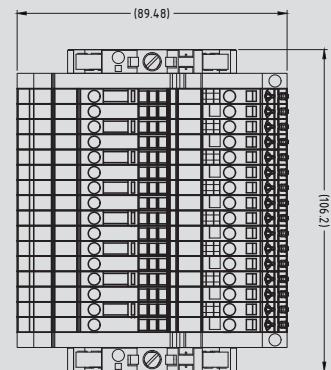


Technical data

Connection data		
Process side		Screw connection
Type		WMF 2.5 and WMF 2.5 DI PE Terminals
Torque		4.4 in - lbs (0.5 Nm)
Control side		Screw connection
Rated data		
Rated voltage		300V
Max. current per channel		15A
Operating temperature		- 50°C - +120°C (Thermoplastic)
Storage temperature		
General Features		
LED status indicator per channel		-
Disconnection per channel		Yes
Voltage measuring test points		-
Current measuring test points		-
Fuse via channel		-
Supply voltage LED status		-
Power supply fuse		-
Terminal wire size		AWG 26 ... 12
Terminal Insulation stripping length		10mm
Approvals		
Standards		cURus (E141197)
Dimensions		
Length x width x height (inches / mm)		3.5 x 7.2 x 1.8 / 89 x 182 x 45
Note		
Disconnect location shown on drawing		
Ordering data		
Model	Qty	Part No.
16-Channel assembly WMF Standard; Screw connection	1	6760005178
With PE Rail connection		
Note		

Terminal Block Kit

- WMF 2.5 BLZP Terminal Assembly with disconnects
- Dekafix markers included
- Secured with rubber band
- 8-channel version
- With pluggable BLZP interface
- Disconnect for each channel



Technical data

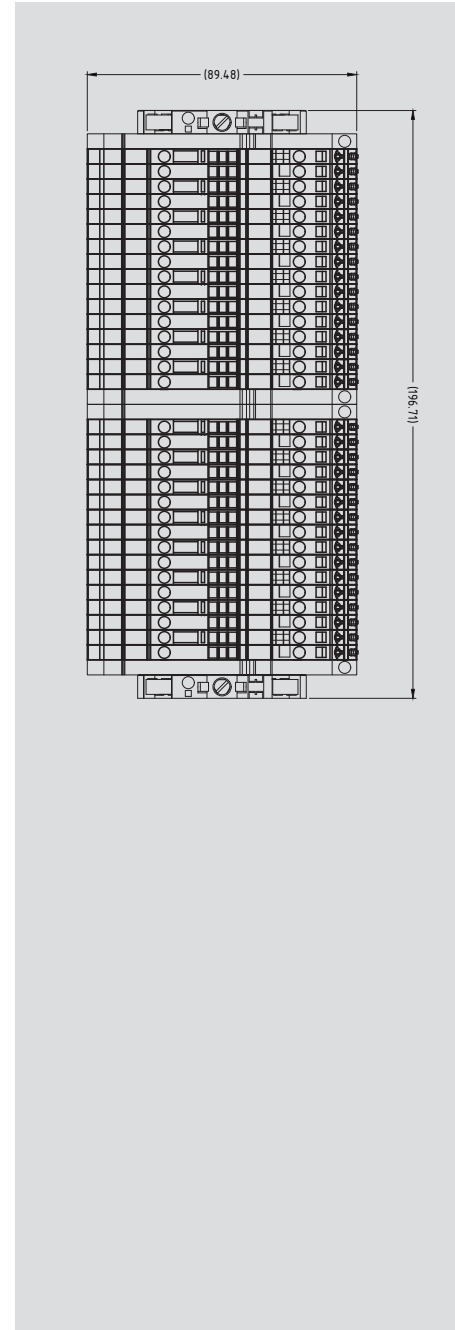
Connection data	
Process side	Screw connection
Type	WMF 2.5 BLZP and WMF 2.5 DI BLZP
Torque	4.4 in - lbs (0.5Nm)
Control side	Screw connection/Pluggable BLZP
Rated data	
Rated voltage	300V
Max. current per channel	10A
Operating temperature	-50°C to +120°C (Thermoplastic)
Storage temperature	
General Features	
LED status indicator per channel	-
Disconnection per channel	Yes
Voltage measuring test points	-
Current measuring test points	-
Fuse via channel	-
Supply voltage LED status	-
Power supply fuse	-
Terminal wire size	AWG 26 ... 12
Terminal Insulation stripping length	10mm
BLZP Insulation stripping length	7mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	3.6 x 4.3 x 1.8 / 90 x 107 x 45
Note	Disconnect location shown on drawing

Ordering data

Model	Qty	Part No.
8-Channel assembly WMF BLZP; Screw/Plug connection	1	6760005179
Without PE Rail connection		
Note		

Terminal Block Kit

- WMF 2.5 BLZP Terminal Assembly with disconnects
- Dekafix markers included
- Secured with rubber band
- 16-channel version
- With pluggable BLZP interface
- Disconnect for each channel



Technical data

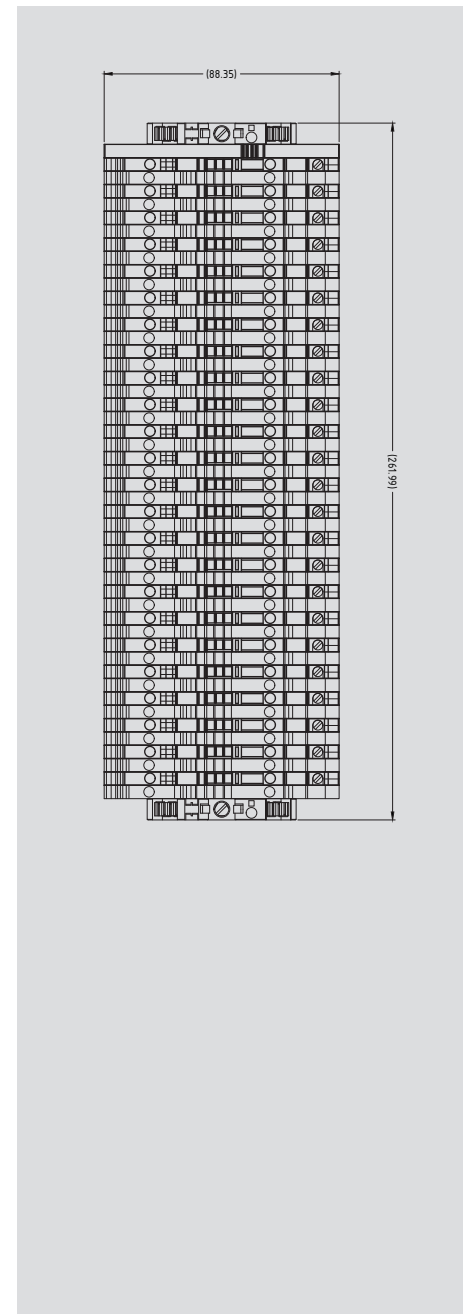
Connection data	
Process side	Screw connection
Type	WMF 2.5 BLZP and WMF 2.5 DI BLZP
Torque	4.4 in - lbs (0.5 Nm)
Control side	Screw connection / Pluggable BLZP
Rated data	
Rated voltage	300V
Max. current per channel	10A
Operating temperature	- 50°C - +120°C (Thermoplastic)
Storage temperature	
General Features	
LED status indicator per channel	-
Disconnection per channel	Yes
Voltage measuring test points	-
Current measuring test points	-
Fuse via channel	-
Supply voltage LED status	-
Power supply fuse	-
Terminal wire size	AWG 26 ... 12
Terminal Insulation stripping length	10mm
BLZP Insulation stripping length	7mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	3.6 x 7.8 x 1.8 / 90 x 197 x 45
Note	Disconnect location shown on drawing

Ordering data

Model	Qty	Part No.
16-Channel assembly WMF BLZP ; Screw/Plug connection	1	6760005180
Without PE Rail connection		
Note		

Terminal Block Kit

- WMF 2.5 Terminal Assembly with disconnects
- Dekafix markers included
- Secured with rubber band
- 16-channel differential/24-channel /48-pole version
- Screw connection to Screw connection
- Disconnect for each channel
- With PE Rail connection

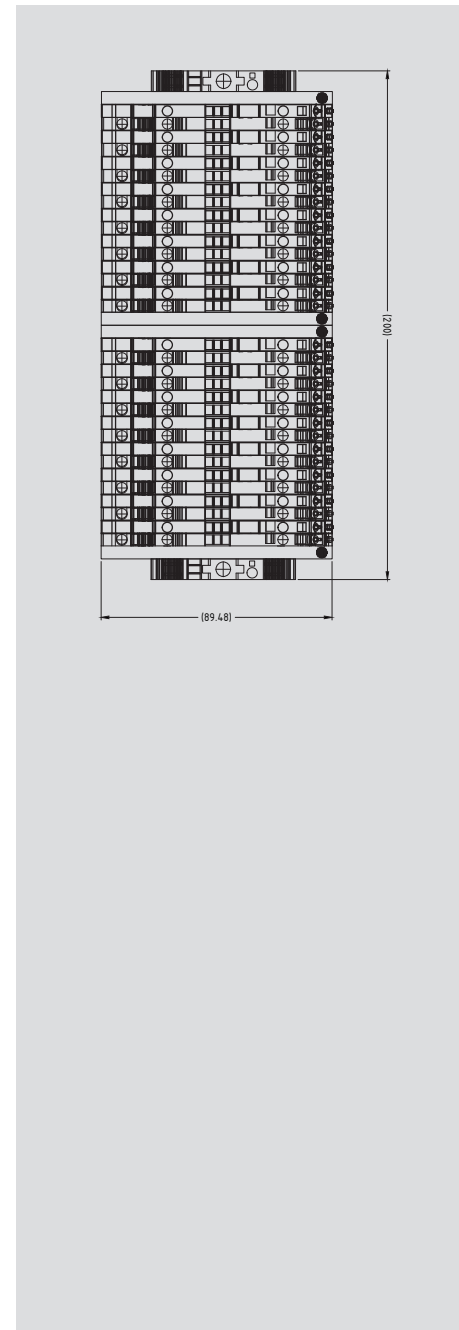


Technical data

Connection data		
Process side	Screw connection	
Type	WMF 2.5 and WMF 2.5 DI PE	
Torque	4.4 in - lbs (0.5Nm)	
Control side	Screw connection	
Rated data		
Rated voltage	300V	
Max. current per channel	15A	
Operating temperature	-50°C to +120°C (Thermoplastic)	
Storage temperature		
General Features		
LED status indicator per channel	-	
Disconnection per channel	Yes	
Voltage measuring test points	-	
Current measuring test points	-	
Fuse via channel	-	
Supply voltage LED status	-	
Power supply fuse	-	
Terminal wire size	AWG 26 ... 12	
Terminal Insulation stripping length	10mm	
Approvals		
Standards	cURus (E141197)	
Dimensions		
Length x width x height (inches / mm)	3.5 x 10.4 x 1.8 / 89 x 262 x 45	
Note		
Disconnect location shown on drawing		
Ordering data		
Model	Qty	Part No.
24-Channel assembly WMF 2.5; Screw connection	1	6760005181
Note		
With PE Rail connection		

Terminal Block Kit

- WMF 2.5 BLZP Terminal Assembly
- Dekafix markers included
- Secured with rubber band
- 16-channel version
- With pluggable BLZP interface
- With PE Rail connection



Technical data

Connection data	
Process side	Screw connection
Type	WMF 2.5 BLZP and WMF 2.5 BLZP PE Terminals
Torque	4.4 in - lbs (0.5Nm)
Control side	Screw connection/Pluggable BLZP
Rated data	
Rated voltage	300V
Max. current per channel	10A
Operating temperature	-50°C to +120°C (Thermoplastic)
Storage temperature	
General Features	
LED status indicator per channel	-
Disconnection per channel	-
Voltage measuring test points	-
Current measuring test points	-
Fuse via channel	-
Supply voltage LED status	-
Power supply fuse	-
Terminal wire size	AWG 26 ... 12
Terminal Insulation stripping length	10mm
BLZP Insulation stripping length	7mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	3.6 x 7.9 x 1.8 / 90 x 199 x 45
Note	Disconnect location shown on drawing

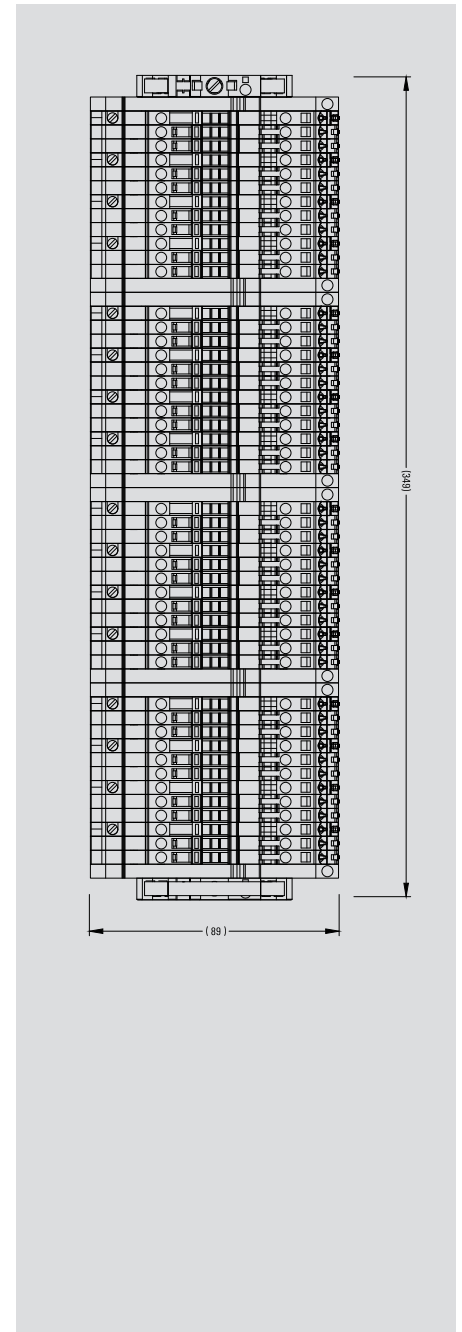
Ordering data

Model	Qty	Part No.
16-Channel assembly WMF BLZP Standard; Screw/Plug connection	1	6760006077
With PE Rail connection		

Note

Terminal Block Kit

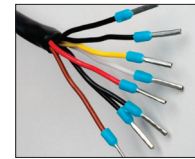
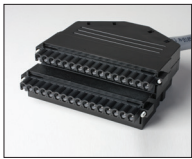
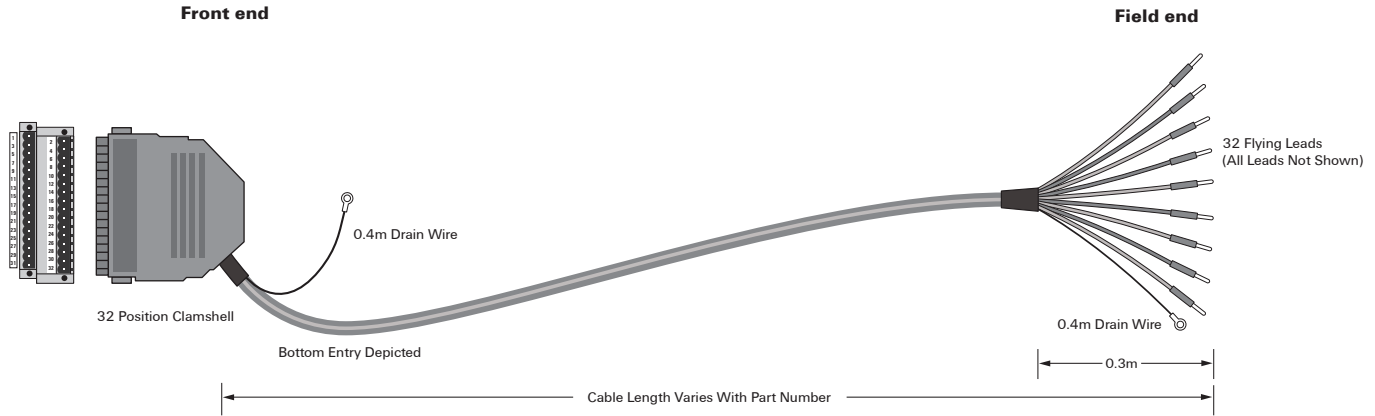
- WMF 2.5 Terminal Assembly with disconnects
- Dekafix markers included
- Secured with rubber band
- 16-channel version
- Screw connection to Screw connection
- Disconnect for each channel



Technical data

Connection data	
Process side	Screw connection
Type	WMF 2.5 DI BLZP and WMF 2.5 DI BLZP PE Terminals
Torque	4.4 in-lbs (0.5Nm)
Control side	Screw connection
Rated data	
Rated voltage	300V
Max. current per channel	UL (D) 10A
Operating temperature	-50°C to +120°C (Thermoplastic)
Storage temperature	
General Features	
LED status indicator per channel	-
Disconnection per channel	Yes
Voltage measuring test points	-
Current measuring test points	-
Fuse via channel	-
Supply voltage LED status	-
Power supply fuse	-
Terminal wire size	AWG 26 ... 12
Terminal Insulation stripping length	10mm
Approvals	
Standards	cURus (E141197)
Dimensions	
Length x width x height (inches / mm)	3.5 x 13.8 x 1.8 / 89 x 349 x 45
Note	Disconnect location shown on drawing
Ordering data	
Model	Qty Part No.
16-Channel WMF Standard; Screw connection	1 6760006318
With PE Rail connection	
Note	

Cable Assembly



32 Position CLAMSHELL Connector

PIN #	Insulation Color	PIN #	Insulation Color
1	BLACK	2	BLACK / WHITE
3	BLACK / RED	4	BLACK / RED / WHITE
5	BLACK / RED / VIOLET	6	WHITE
7	WHITE / RED	8	WHITE / BLACK
9	WHITE / RED / BLACK	10	WHITE / RED / VIOLET
11	RED	12	RED / WHITE
13	RED / BLACK	14	RED / VIOLET
15	RED / WHITE / BLACK	16	RED / BLACK / VIOLET
17	BLUE	18	BLUE / WHITE
19	BLUE / RED	20	BLUE / BLACK
21	BLUE / WHITE / BLACK	22	VIOLET
23	VIOLET / WHITE	24	VIOLET / BLACK
25	VIOLET / ORANGE / BLACK	26	VIOLET / BLACK / WHITE
27	ORANGE	28	ORANGE / RED
29	ORANGE / BLACK	30	ORANGE / VIOLET
31	ORANGE / WHITE / BLACK	32	ORANGE / BLACK / VIOLET

32 Flying Leads from CLAMSHELL Connector

Lead #	Insulation Color	Lead #	Insulation Color
1	BLACK	2	BLACK / WHITE
3	BLACK / RED	4	BLACK / RED / WHITE
5	BLACK / RED / VIOLET	6	WHITE
7	WHITE / RED	8	WHITE / BLACK
9	WHITE / RED / BLACK	10	WHITE / RED / VIOLET
11	RED	12	RED / WHITE
13	RED / BLACK	14	RED / VIOLET
15	RED / WHITE / BLACK	16	RED / BLACK / VIOLET
17	BLUE	18	BLUE / WHITE
19	BLUE / RED	20	BLUE / BLACK
21	BLUE / WHITE / BLACK	22	VIOLET
23	VIOLET / WHITE	24	VIOLET / BLACK
25	VIOLET / ORANGE / BLACK	26	VIOLET / BLACK / WHITE
27	ORANGE	28	ORANGE / RED
29	ORANGE / BLACK	30	ORANGE / VIOLET
31	ORANGE / WHITE / BLACK	32	ORANGE / BLACK / VIOLET

See Specification Tables starting on page 48.

Additional cable lengths available. Contact your Weidmuller Sales Representative.

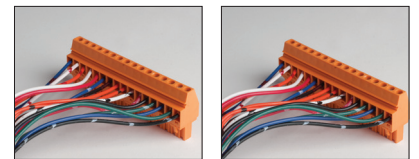
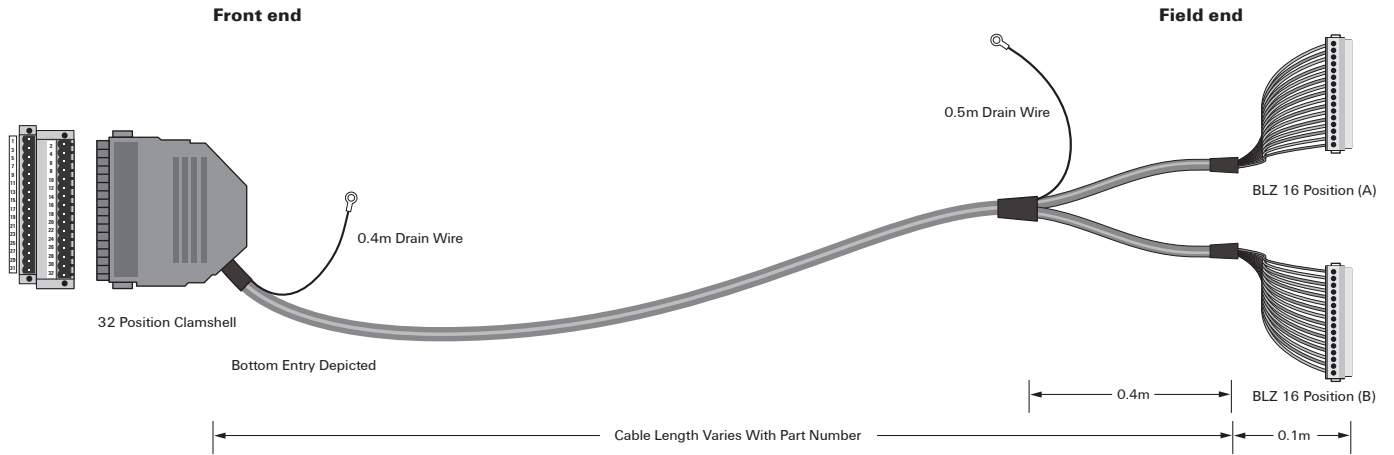
Additional Information

Use cable drawing MS-C32x-xFLXxxx-xxx-xxx.

For the field end of this cable, the following leads are available: ferruled flying, blunt flying, ring lug and tinned flying.

To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

Cable Assembly



32 Position CLAMSHELL Connector

PIN #	Insulation Color	PIN #	Insulation Color
1	BLACK	2	BLACK / WHITE
3	BLACK / RED	4	BLACK / RED / WHITE
5	BLACK / RED / VIOLET	6	WHITE
7	WHITE / RED	8	WHITE / BLACK
9	WHITE / RED / BLACK	10	WHITE / RED / VIOLET
11	RED	12	RED / WHITE
13	RED / BLACK	14	RED / VIOLET
15	RED / WHITE / BLACK	16	RED / BLACK / VIOLET
17	BLUE	18	BLUE / WHITE
19	BLUE / RED	20	BLUE / BLACK
21	BLUE / WHITE / BLACK	22	VIOLET
23	VIOLET / WHITE	24	VIOLET / BLACK
25	VIOLET / ORANGE / BLACK	26	VIOLET / BLACK / WHITE
27	ORANGE	28	ORANGE / RED
29	ORANGE / BLACK	30	ORANGE / VIOLET
31	ORANGE / WHITE / BLACK	32	ORANGE / BLACK / VIOLET

16 Position Connector BLZP (A)

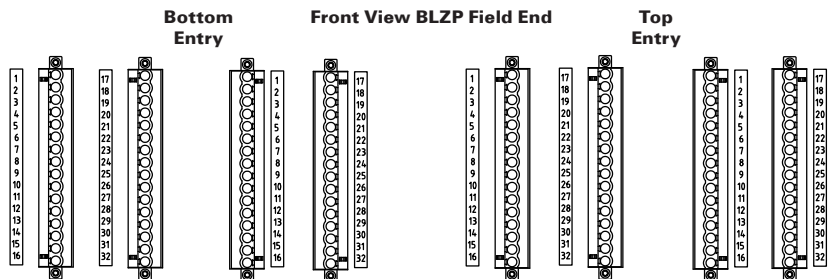
PIN #	Insulation Color	PIN #	Insulation Color
1	BLACK	2	BLACK / WHITE
3	BLACK / RED	4	BLACK / RED / WHITE
5	BLACK / RED / VIOLET	6	WHITE
7	WHITE / RED	8	WHITE / BLACK
9	WHITE / RED / BLACK	10	WHITE / RED / VIOLET
11	RED	12	RED / WHITE
13	RED / BLACK	14	RED / VIOLET
15	RED / WHITE / BLACK	16	RED / BLACK / VIOLET

16 Position Connector BLZP (B)

PIN #	Insulation Color	PIN #	Insulation Color
1	BLUE	2	BLUE / WHITE
3	BLUE / RED	4	BLUE / BLACK
5	BLUE / WHITE / BLACK	6	VIOLET
7	VIOLET / WHITE	8	VIOLET / BLACK
9	VIOLET / ORANGE / BLACK	10	VIOLET / BLACK / WHITE
11	ORANGE	12	ORANGE / RED
13	ORANGE / BLACK	14	ORANGE / VIOLET
15	ORANGE / WHITE / BLACK	16	ORANGE / BLACK / VIOLET

See Specification Tables starting on page 48.

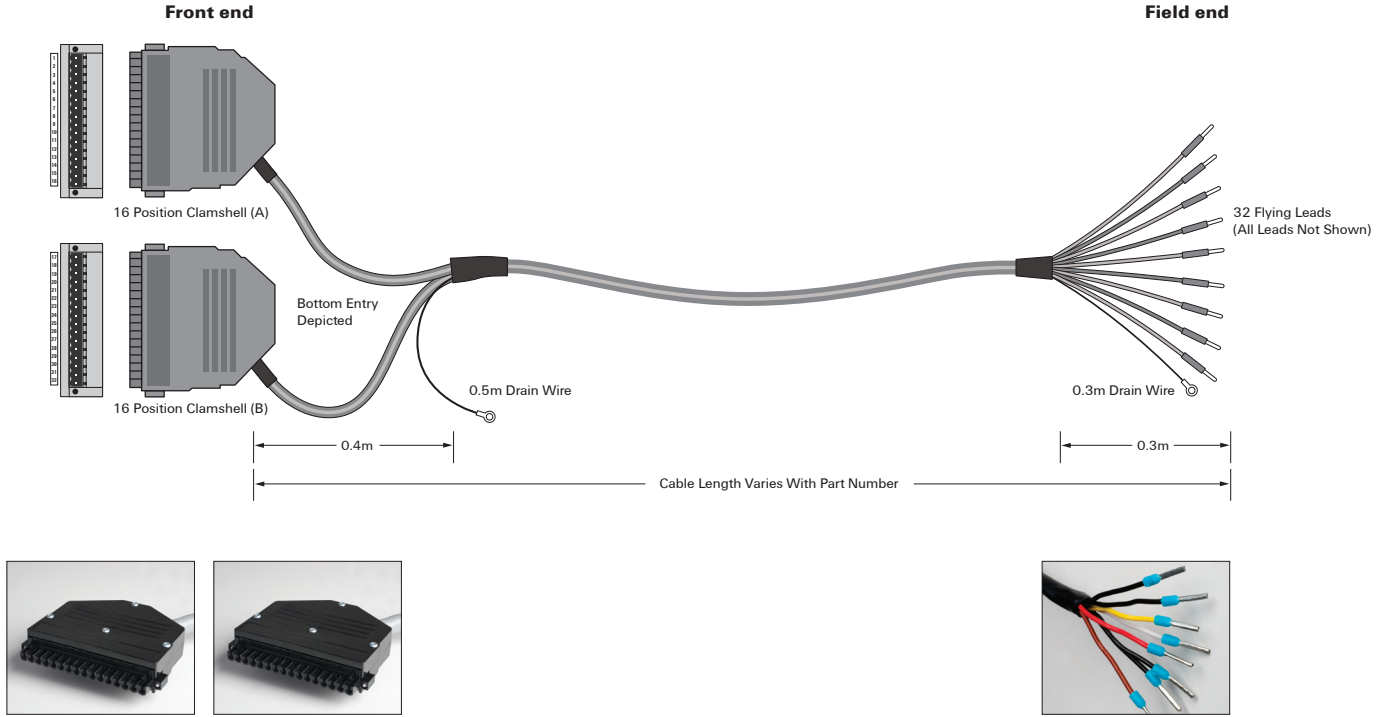
Additional cable lengths available.
Contact your Weidmuller Sales Representative.



Additional Information

Use cable drawing MS-C32x-B26Xxx-xxx-xxx.
To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

Cable Assembly



16 Position CLAMSHELL (A)

PIN #	Insulation Color	PIN #	Insulation Color
1	BLACK	2	BLACK / WHITE
3	BLACK / RED	4	BLACK / RED / WHITE
5	BLACK / RED / VIOLET	6	WHITE
7	WHITE / RED	8	WHITE / BLACK
9	WHITE / RED / BLACK	10	WHITE / RED / VIOLET
11	RED	12	RED / WHITE
13	RED / BLACK	14	RED / VIOLET
15	RED / WHITE / BLACK	16	RED / BLACK / VIOLET

32 Flying Leads from CLAMSHELL (A)

Lead #	Insulation Color	Lead #	Insulation Color
1	BLACK	2	BLACK / WHITE
3	BLACK / RED	4	BLACK / RED / WHITE
5	BLACK / RED / VIOLET	6	WHITE
7	WHITE / RED	8	WHITE / BLACK
9	WHITE / RED / BLACK	10	WHITE / RED / VIOLET
11	RED	12	RED / WHITE
13	RED / BLACK	14	RED / VIOLET
15	RED / WHITE / BLACK	16	RED / BLACK / VIOLET

16 Position CLAMSHELL (B)

PIN #	Insulation Color	PIN #	Insulation Color
1	BLUE	2	BLUE / WHITE
3	BLUE / RED	4	BLUE / BLACK
5	BLUE / WHITE / BLACK	6	VIOLET
7	VIOLET / WHITE	8	VIOLET / BLACK
9	VIOLET / ORANGE / BLACK	10	VIOLET / BLACK / WHITE
11	ORANGE	12	ORANGE / RED
13	ORANGE / BLACK	14	ORANGE / VIOLET
15	ORANGE / WHITE / BLACK	16	ORANGE / BLACK / VIOLET

32 Flying Leads from CLAMSHELL (B)

Lead #	Insulation Color	Lead #	Insulation Color
17	BLUE	18	BLUE / WHITE
19	BLUE / RED	20	BLUE / BLACK
21	BLUE / WHITE / BLACK	22	VIOLET
23	VIOLET / WHITE	24	VIOLET / BLACK
25	VIOLET / ORANGE / BLACK	26	VIOLET / BLACK / WHITE
27	ORANGE	28	ORANGE / RED
29	ORANGE / BLACK	30	ORANGE / VIOLET
31	ORANGE / WHITE / BLACK	32	ORANGE / BLACK / VIOLET

See Specification Tables starting on page 48.

Additional cable lengths available. Contact your Weidmuller Sales Representative.

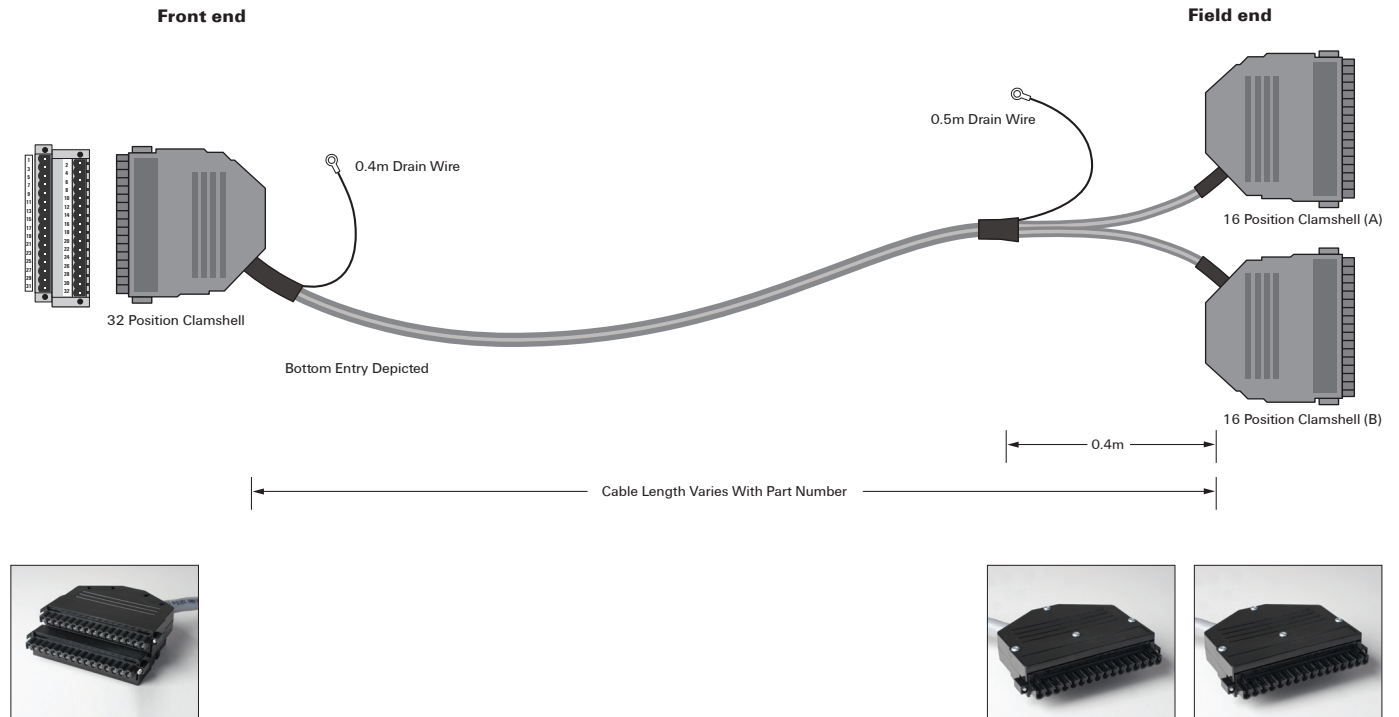
Additional Information

Use cable drawing MS-C26xxx-xFLXxx-xxx-xxx.

For the field end of this cable, the following leads are available: ferruled flying, blunt flying, ring lug and tinned flying.

To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

Cable Assembly



32 Position CLAMSHELL Connector

PIN #	Insulation Color	PIN #	Insulation Color
1	BLACK	2	BLACK / WHITE
3	BLACK / RED	4	BLACK / RED / WHITE
5	BLACK / RED / VIOLET	6	WHITE
7	WHITE / RED	8	WHITE / BLACK
9	WHITE / RED / BLACK	10	WHITE / RED / VIOLET
11	RED	12	RED / WHITE
13	RED / BLACK	14	RED / VIOLET
15	RED / WHITE / BLACK	16	RED / BLACK / VIOLET
17	BLUE	18	BLUE / WHITE
19	BLUE / RED	20	BLUE / BLACK
21	BLUE / WHITE / BLACK	22	VIOLET
23	VIOLET / WHITE	24	VIOLET / BLACK
25	VIOLET / ORANGE / BLACK	26	VIOLET / BLACK / WHITE
27	ORANGE	28	ORANGE / RED
29	ORANGE / BLACK	30	ORANGE / VIOLET
31	ORANGE / WHITE / BLACK	32	ORANGE / BLACK / VIOLET

16 Position Connector CLAMSHELL (A)

PIN #	Insulation Color	PIN #	Insulation Color
1	BLACK	2	BLACK / WHITE
3	BLACK / RED	4	BLACK / RED / WHITE
5	BLACK / RED / VIOLET	6	WHITE
7	WHITE / RED	8	WHITE / BLACK
9	WHITE / RED / BLACK	10	WHITE / RED / VIOLET
11	RED	12	RED / WHITE
13	RED / BLACK	14	RED / VIOLET
15	RED / WHITE / BLACK	16	RED / BLACK / VIOLET

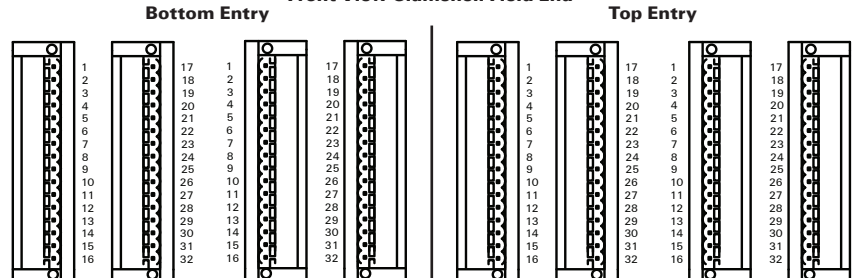
16 Position Connector CLAMSHELL (B)

PIN #	Insulation Color	PIN #	Insulation Color
1	BLUE	2	BLUE / WHITE
3	BLUE / RED	4	BLUE / BLACK
5	BLUE / WHITE / BLACK	6	VIOLET
7	VIOLET / WHITE	8	VIOLET / BLACK
9	VIOLET / ORANGE / BLACK	10	VIOLET / BLACK / WHITE
11	ORANGE	12	ORANGE / RED
13	ORANGE / BLACK	14	ORANGE / VIOLET
15	ORANGE / WHITE / BLACK	16	ORANGE / BLACK / VIOLET

See Specification Tables starting on page 48.

Additional cable lengths available.
Contact your Weidmuller Sales Representative.

Front View Clamshell Field End

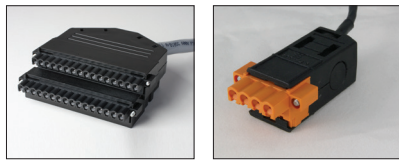
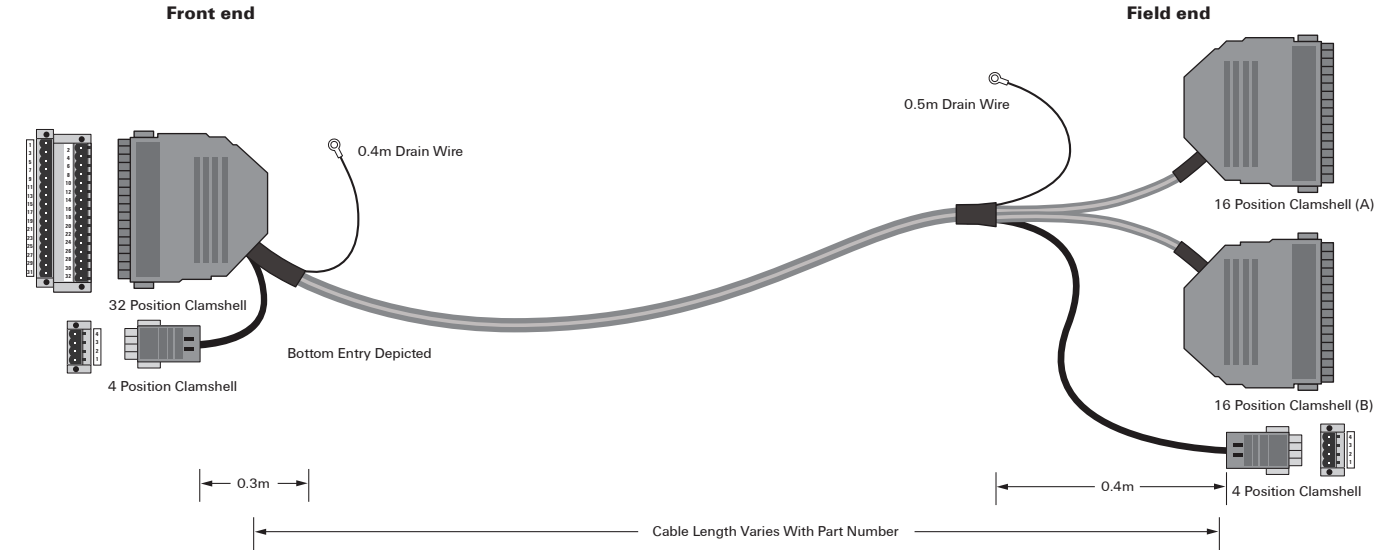


Additional Information

Use cable drawing MS-C32x-C26Xxx-xxx-xxx.

To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

Cable Assembly



32 Position CLAMSHELL

PIN #	Insulation Color	PIN #	Insulation Color
1	BLACK	17	BLUE
2	BLACK/WHITE	18	BLUE / WHITE
3	BLACK / RED	19	BLUE / RED
4	BLACK / RED / WHITE	20	BLUE / BLACK
5	BLACK / RED / VIOLET	21	BLUE / WHITE / BLACK
6	WHITE	22	VIOLET
7	WHITE / RED	23	VIOLET / WHITE
8	WHITE / BLACK	24	VIOLET / BLACK
9	WHITE / RED / BLACK	25	VIOLET/ORANGE / BLK
10	WHITE / RED / VIOLET	26	VIOLET / BLK / WHITE
11	RED	27	ORANGE
12	RED/WHITE	28	ORANGE / RED
13	RED / BLACK	29	ORANGE / BLACK
14	RED / VIOLET	30	ORANGE / VIOLET
15	RED / WHITE / BLACK	31	ORANGE / WHITE / BLK
16	RED / BLACK / VIOLET	32	ORANGE / BLK / VIOLET

16 Position CLAMSHELL (A)

PIN #	Insulation Color	PIN #	Insulation Color
1	BLACK	9	WHITE / RED / BLACK
2	BLACK/WHITE	10	WHITE / RED / VIOLET
3	BLACK / RED	11	RED
4	BLACK / RED / WHITE	12	RED/WHITE
5	BLACK / RED / VIOLET	13	RED / BLACK
6	WHITE	14	RED / VIOLET
7	WHITE / RED	15	RED / WHITE / BLACK
8	WHITE / BLACK	16	RED / BLACK / VIOLET

16 Position CLAMSHELL (B)

PIN #	Insulation Color	PIN #	Insulation Color
17	BLUE	25	BLUE / WHITE / BLACK
18	BLUE / WHITE	26	VIOLET
19	BLUE / RED	27	VIOLET / WHITE
20	BLUE / BLACK	28	VIOLET / BLACK
21	VIOLET/ORANGE/BLK	29	ORANGE / BLACK
22	VIOLET / BLK / WHITE	30	ORANGE / VIOLET
23	ORANGE	31	ORANGE / WHITE / BLK
24	ORANGE / RED	32	ORANGE / BLK / VIOLET

4 Position Connector CLAMSHELL

PIN #	Insulation Color
1	BROWN
2	BROWN / WHITE
3	YELLOW
4	YELLOW / BLACK

4 Position CLAMSHELL Connector

PIN #	Insulation Color
1	BROWN
2	BROWN / WHITE
3	YELLOW
4	YELLOW / BLACK

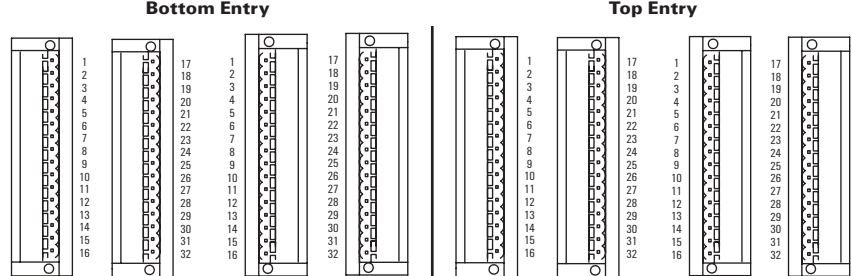
See Specification Tables starting on page 48.

Additional cable lengths available. Contact your Weidmuller Sales Representative.

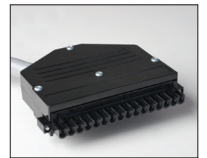
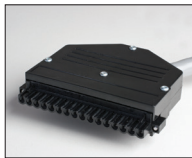
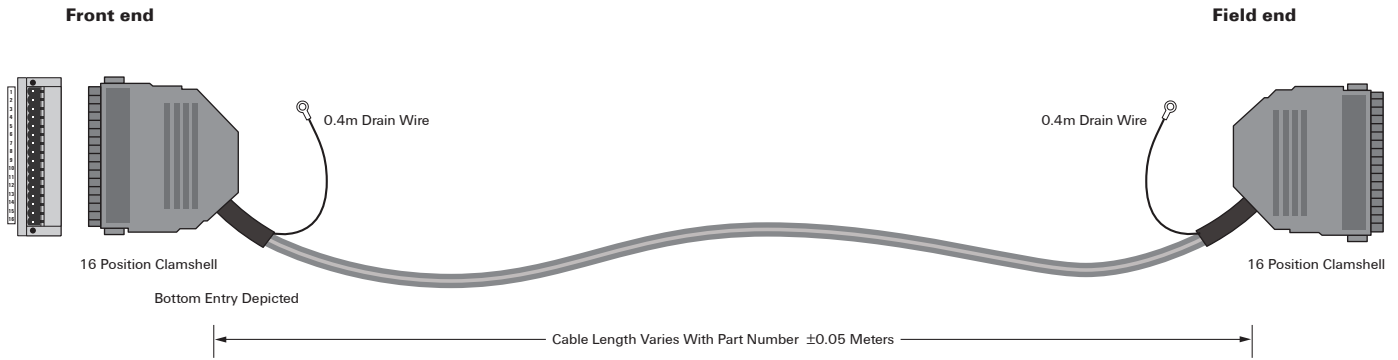
Additional Information

Use cable drawing MS-C2+xxx-C6+xxx-xxx-xxx. To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

Front View Clamshell Field End



Cable Assembly



16 Position CLAMSHELL (connected left to right)

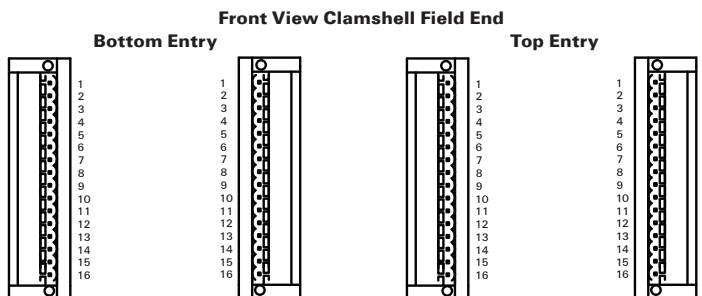
PIN #	Insulation Color	PIN #	Insulation Color
1	BLACK	2	BLACK / WHITE
3	BLACK / RED	4	BLACK / RED / WHITE
5	BLACK / RED / VIOLET	6	WHITE
7	WHITE / RED	8	WHITE / BLACK
9	WHITE / RED / BLACK	10	WHITE / RED / VIOLET
11	RED	12	RED / WHITE
13	RED / BLACK	14	RED / VIOLET
15	RED / WHITE / BLACK	16	RED / BLACK / VIOLET

16 Position CLAMSHELL (connected left to right)

PIN #	Insulation Color	PIN #	Insulation Color
1	BLACK	2	BLACK / WHITE
3	BLACK / RED	4	BLACK / RED / WHITE
5	BLACK / RED / VIOLET	6	WHITE
7	WHITE / RED	8	WHITE / BLACK
9	WHITE / RED / BLACK	10	WHITE / RED / VIOLET
11	RED	12	RED / WHITE
13	RED / BLACK	14	RED / VIOLET
15	RED / WHITE / BLACK	16	RED / BLACK / VIOLET

See Specification Tables starting on page 48.

Additional cable lengths available.
Contact your Weidmuller Sales Representative.

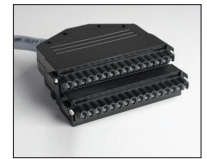
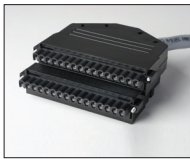
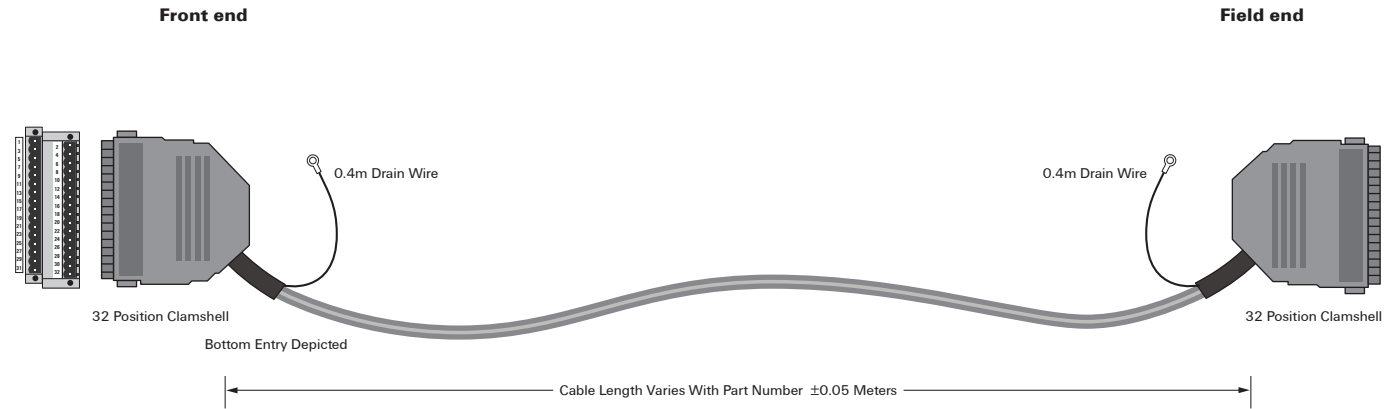


Additional Information

Use cable drawing MS-C16x-C16Xxx-xxx-xxx.

To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

Cable Assembly



32 Position CLAMSHELL Connector

PIN #	Insulation Color	PIN #	Insulation Color
1	BLACK	2	BLACK / WHITE
3	BLACK / RED	4	BLACK / RED / WHITE
5	BLACK / RED / VIOLET	6	WHITE
7	WHITE / RED	8	WHITE / BLACK
9	WHITE / RED / BLACK	10	WHITE / RED / VIOLET
11	RED	12	RED / WHITE
13	RED / BLACK	14	RED / VIOLET
15	RED / WHITE / BLACK	16	RED / BLACK / VIOLET
17	BLUE	18	BLUE / WHITE
19	BLUE / RED	20	BLUE / BLACK
21	BLUE / WHITE / BLACK	22	VIOLET
23	VIOLET / WHITE	24	VIOLET / BLACK
25	VIOLET / ORANGE / BLACK	26	VIOLET / BLACK / WHITE
27	ORANGE	28	ORANGE / RED
29	ORANGE / BLACK	30	ORANGE / VIOLET
31	ORANGE / WHITE / BLACK	32	ORANGE / BLACK / VIOLET

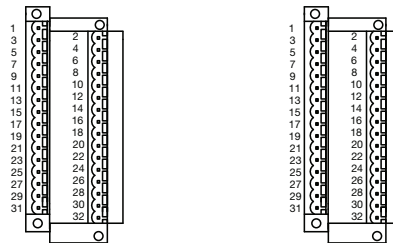
32 Position CLAMSHELL Connector

Lead #	Insulation Color	Lead #	Insulation Color
1	BLACK	2	BLACK / WHITE
3	BLACK / RED	4	BLACK / RED / WHITE
5	BLACK / RED / VIOLET	6	WHITE
7	WHITE / RED	8	WHITE / BLACK
9	WHITE / RED / BLACK	10	WHITE / RED / VIOLET
11	RED	12	RED / WHITE
13	RED / BLACK	14	RED / VIOLET
15	RED / WHITE / BLACK	16	RED / BLACK / VIOLET
17	BLUE	18	BLUE / WHITE
19	BLUE / RED	20	BLUE / BLACK
21	BLUE / WHITE / BLACK	22	VIOLET
23	VIOLET / WHITE	24	VIOLET / BLACK
25	VIOLET / ORANGE / BLACK	26	VIOLET / BLACK / WHITE
27	ORANGE	28	ORANGE / RED
29	ORANGE / BLACK	30	ORANGE / VIOLET
31	ORANGE / WHITE / BLACK	32	ORANGE / BLACK / VIOLET

See Specification Tables starting on page 48.

Additional cable lengths available.
Contact your Weidmuller Sales Representative.

Front View Clamshell Field End

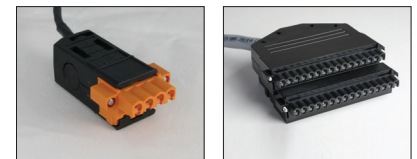
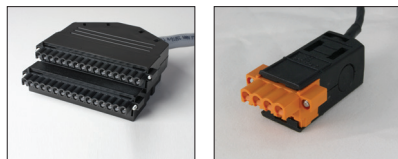
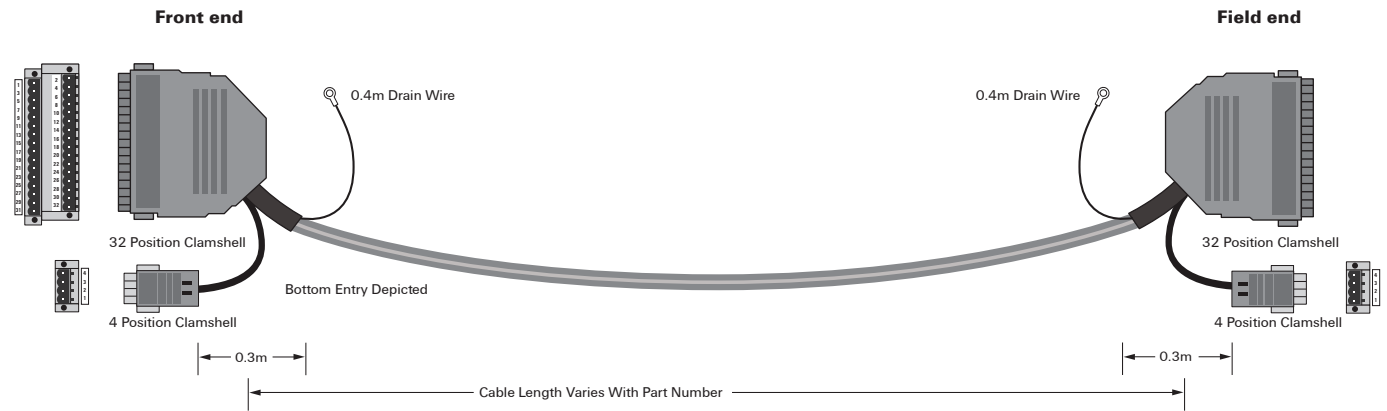


Additional Information

Use cable drawing MS-C32x-C32x-xxx-xxx.

To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

Cable Assembly



32 Position CLAMSHELL Connector

PIN #	Insulation Color	PIN #	Insulation Color
1	BLACK	17	BLUE
2	BLACK/WHITE	18	BLUE / WHITE
3	BLACK / RED	19	BLUE / RED
4	BLACK / RED/ WHITE	20	BLUE / BLACK
5	BLACK / RED / VIOLET	21	BLUE/WHITE/BLACK
6	WHITE	22	VIOLET
7	WHITE / RED	23	VIOLET / WHITE
8	WHITE / BLACK	24	VIOLET / BLACK
9	WHITE / RED / BLACK	25	VIOLET/ORANGE/BLACK
10	WHITE / RED / VIOLET	26	VIOLET / BLACK / WHITE
11	RED	27	ORANGE
12	RED/WHITE	28	ORANGE / RED
13	RED / BLACK	29	ORANGE / BLACK
14	RED / VIOLET	30	ORANGE / VIOLET
15	RED / WHITE / BLACK	31	ORANGE/WHITE/BLACK
16	RED / BLACK / VIOLET	32	ORANGE/BLK/VIOLET

32 Position CLAMSHELL Connector

Lead #	Insulation Color	Lead #	Insulation Color
1	BLACK	17	BLUE
2	BLACK/WHITE	18	BLUE / WHITE
3	BLACK / RED	19	BLUE / RED
4	BLACK / RED/ WHITE	20	BLUE / BLACK
5	BLACK / RED / VIOLET	21	BLUE/WHITE/BLACK
6	WHITE	22	VIOLET
7	WHITE / RED	23	VIOLET / WHITE
8	WHITE / BLACK	24	VIOLET / BLACK
9	WHITE / RED / BLACK	25	VIOLET/ORANGE/BLACK
10	WHITE / RED / VIOLET	26	VIOLET / BLACK / WHITE
11	RED	27	ORANGE
12	RED/WHITE	28	ORANGE / RED
13	RED / BLACK	29	ORANGE / BLACK
14	RED / VIOLET	30	ORANGE / VIOLET
15	RED / WHITE / BLACK	31	ORANGE/WHITE/BLACK
16	RED / BLACK / VIOLET	32	ORANGE/BLK/VIOLET

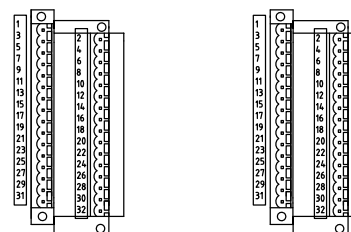
4 Position CLAMSHELL Connector

PIN #	Insulation Color
1	BROWN
2	BROWN / WHITE
3	YELLOW
4	YELLOW / BLACK

4 Position CLAMSHELL Connector

PIN #	Insulation Color
1	BROWN
2	BROWN / WHITE
3	YELLOW
4	YELLOW / BLACK

Front View Clamshell Field End



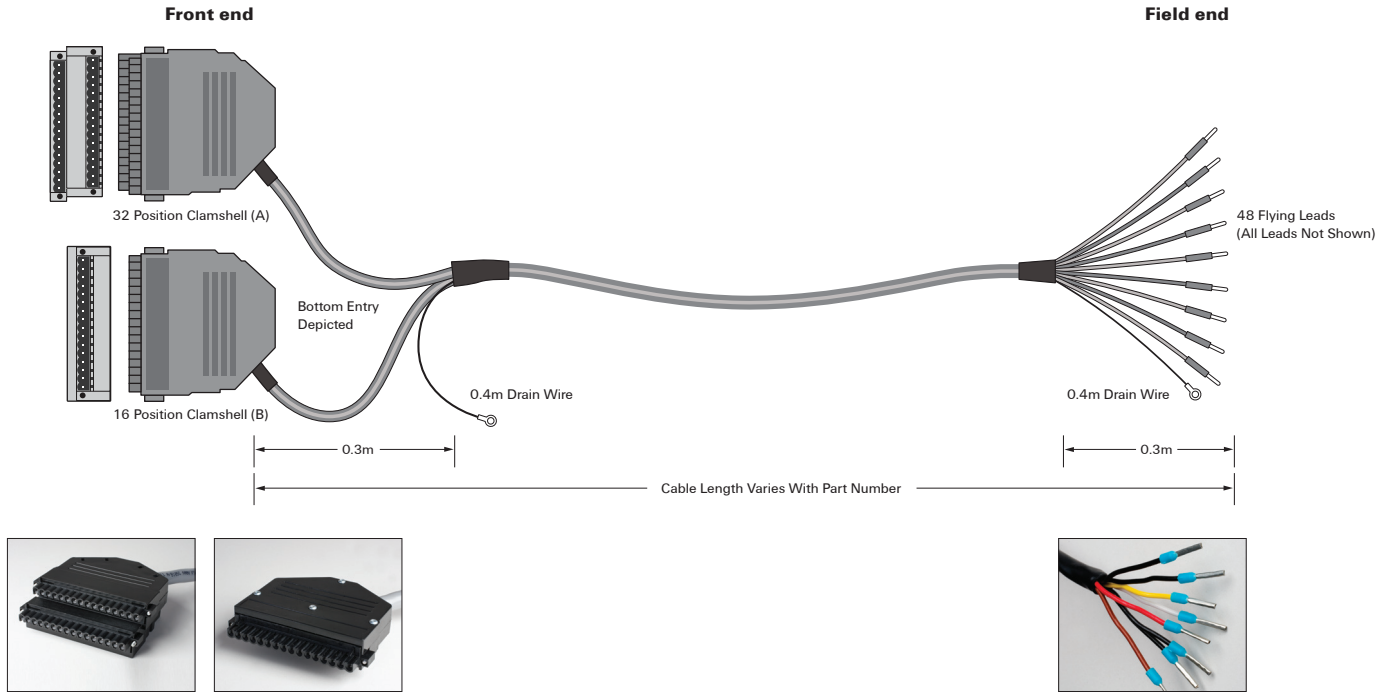
See Specification Tables starting on page 48.

Additional cable lengths available.
Contact your Weidmuller Sales Representative.

Additional Information

Use cable drawing MS-C2+xxx-C2+xxx-xxx-xxx.
To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

Cable Assembly



Data Guide TRIAD			32 Position CLAMSHELL (A)	16 Position CLAMSHELL (B)
PAIR	Insulation Color	PIN #	PIN #	PIN #
1	BLACK	1	-	-
1	BLACK / WHITE	2	-	-
1	BLACK / YELLOW	-	16	-
2	BLACK / RED	3	-	-
2	BLACK / RED / WHITE	4	-	-
2	BLACK / RED / YELLOW	-	15	-
3	BLACK / BLUE	5	-	-
3	BLACK / BLUE / WHITE	6	-	-
3	BLACK / BLUE / YELLOW	-	14	-
4	BLACK / VIOLET	7	-	-
4	BLACK / VIOLET / WHITE	8	-	-
4	BLACK / VIOLET / YELLOW	-	13	-
5	BLACK / ORANGE	9	-	-
5	BLACK / ORANGE / WHITE	10	-	-
5	BLACK / ORANGE / YELLOW	-	12	-
6	RED	11	-	-
6	RED / WHITE	12	-	-
6	RED / YELLOW	-	11	-
7	RED / BLUE	13	-	-
7	RED / BLUE / WHITE	14	-	-
7	RED / BLUE / YELLOW	-	10	-
8	RED / VIOLET	15	-	-
8	RED / VIOLET / WHITE	16	-	-
8	RED / VIOLET / YELLOW	-	9	-
9	RED / ORANGE	17	-	-
9	RED / ORANGE / WHITE	18	-	-
9	RED / ORANGE / YELLOW	-	8	-
10	RED / BROWN	19	-	-
10	RED / BROWN / WHITE	20	-	-
10	RED / BROWN / YELLOW	-	7	-
11	BLUE	21	-	-
11	BLUE / WHITE	22	-	-
11	BLUE / YELLOW	-	6	-
12	BLUE / VIOLET	23	-	-
12	BLUE / VIOLET / WHITE	24	-	-
12	BLUE / VIOLET / YELLOW	-	5	-
13	BLUE / ORANGE	25	-	-
13	BLUE / ORANGE / WHITE	26	-	-
13	BLUE / ORANGE / YELLOW	-	4	-
14	BLUE / BROWN	27	-	-
14	BLUE / BROWN / WHITE	28	-	-
14	BLUE / BROWN / YELLOW	-	3	-
15	VIOLET	29	-	-
15	VIOLET / WHITE	30	-	-
15	VIOLET / YELLOW	-	2	-
16	VIOLET / ORANGE	31	-	-
16	VIOLET / ORANGE / WHITE	32	-	-
16	VIOLET / ORANGE / YELLOW	-	1	-

Data Guide TRIAD		
PAIR	Insulation Color	PIN #
1	BLACK	1
1	BLACK / WHITE	2
1	BLACK / YELLOW	16
2	BLACK / RED	3
2	BLACK / RED / WHITE	4
2	BLACK / RED / YELLOW	15
3	BLACK / BLUE	5
3	BLACK / BLUE / WHITE	6
3	BLACK / BLUE / YELLOW	14
4	BLACK / VIOLET	7
4	BLACK / VIOLET / WHITE	8
4	BLACK / VIOLET / YELLOW	13
5	BLACK / ORANGE	9
5	BLACK / ORANGE / WHITE	10
5	BLACK / ORANGE / YELLOW	12
6	RED	11
6	RED / WHITE	12
6	RED / YELLOW	11
7	RED / BLUE	13
7	RED / BLUE / WHITE	14
7	RED / BLUE / YELLOW	10
8	RED / VIOLET	15
8	RED / VIOLET / WHITE	16
8	RED / VIOLET / YELLOW	9
9	RED / ORANGE	17
9	RED / ORANGE / WHITE	18
9	RED / ORANGE / YELLOW	8
10	RED / BROWN	19
10	RED / BROWN / WHITE	20
10	RED / BROWN / YELLOW	7
11	BLUE	21
11	BLUE / WHITE	22
11	BLUE / YELLOW	6
12	BLUE / VIOLET	23
12	BLUE / VIOLET / WHITE	24
12	BLUE / VIOLET / YELLOW	5
13	BLUE / ORANGE	25
13	BLUE / ORANGE / WHITE	26
13	BLUE / ORANGE / YELLOW	4
14	BLUE / BROWN	27
14	BLUE / BROWN / WHITE	28
14	BLUE / BROWN / YELLOW	3
15	VIOLET	29
15	VIOLET / WHITE	30
15	VIOLET / YELLOW	2
16	VIOLET / ORANGE	31
16	VIOLET / ORANGE / WHITE	32
16	VIOLET / ORANGE / YELLOW	1

See Specification Tables starting on page 48.

Additional cable lengths available. Contact your Weidmuller Sales Representative.

Additional Information

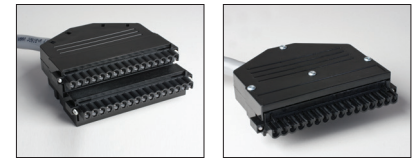
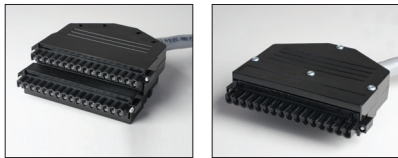
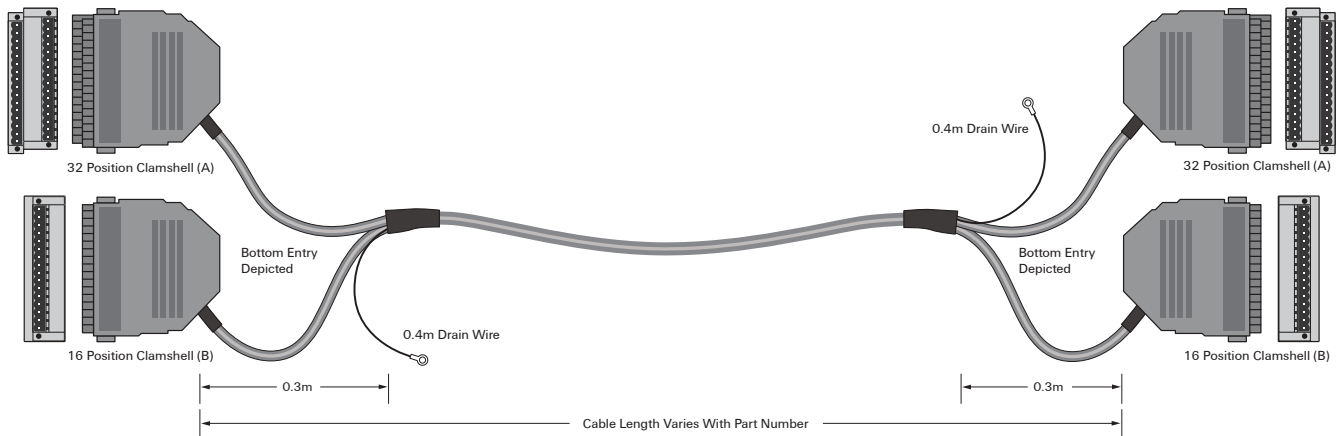
Use cable drawing MS-C48xxx-xFLXxx-xxx-xxx.

To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

Cable Assembly

Front end

Field end



Data Guide TRIAD			
PAIR	Insulation Color	32 Position CLAMSHELL (A) PIN #	16 Position CLAMSHELL (B) PIN #
1	BLACK	1	-
1	BLACK / WHITE	2	-
1	BLACK / YELLOW	-	16
2	BLACK / RED	3	-
2	BLACK / RED / WHITE	4	-
2	BLACK / RED / YELLOW	-	15
3	BLACK / BLUE	5	-
3	BLACK / BLUE / WHITE	6	-
3	BLACK / BLUE / YELLOW	-	14
4	BLACK / VIOLET	7	-
4	BLACK / VIOLET / WHITE	8	-
4	BLACK / VIOLET / YELLOW	-	13
5	BLACK / ORANGE	9	-
5	BLACK / ORANGE / WHITE	10	-
5	BLACK / ORANGE / YELLOW	-	12
6	RED	11	-
6	RED / WHITE	12	-
6	RED / YELLOW	-	11
7	RED / BLUE	13	-
7	RED / BLUE / WHITE	14	-
7	RED / BLUE / YELLOW	-	10
8	RED / VIOLET	15	-
8	RED / VIOLET / WHITE	16	-
8	RED / VIOLET / YELLOW	-	9
9	RED / ORANGE	17	-
9	RED / ORANGE / WHITE	18	-
9	RED / ORANGE / YELLOW	-	8
10	RED / BROWN	19	-
10	RED / BROWN / WHITE	-	-
10	RED / BROWN / YELLOW	-	7
11	BLUE	21	-
11	BLUE / WHITE	22	-
11	BLUE / YELLOW	-	6
12	BLUE / VIOLET	23	-
12	BLUE / VIOLET / WHITE	24	-
12	BLUE / VIOLET / YELLOW	-	5
13	BLUE / ORANGE	25	-
13	BLUE / ORANGE / WHITE	26	-
13	BLUE / ORANGE / YELLOW	-	4
14	BLUE / BROWN	27	-
14	BLUE / BROWN / WHITE	28	-
14	BLUE / BROWN / YELLOW	-	3
15	VIOLET	29	-
15	VIOLET / WHITE	30	-
15	VIOLET / YELLOW	-	2
16	VIOLET / ORANGE	31	-
16	VIOLET / ORANGE / WHITE	32	-
16	VIOLET / ORANGE / YELLOW	-	1

Data Guide TRIAD			
PAIR	Insulation Color	32 Position CLAMSHELL (A) PIN #	16 Position CLAMSHELL (B) PIN #
1	BLACK	1	-
1	BLACK / WHITE	2	-
1	BLACK / YELLOW	-	16
2	BLACK / RED	3	-
2	BLACK / RED / WHITE	4	-
2	BLACK / RED / YELLOW	-	15
3	BLACK / BLUE	5	-
3	BLACK / BLUE / WHITE	6	-
3	BLACK / BLUE / YELLOW	-	14
4	BLACK / VIOLET	7	-
4	BLACK / VIOLET / WHITE	8	-
4	BLACK / VIOLET / YELLOW	-	13
5	BLACK / ORANGE	9	-
5	BLACK / ORANGE / WHITE	10	-
5	BLACK / ORANGE / YELLOW	-	12
6	RED	11	-
6	RED / WHITE	12	-
6	RED / YELLOW	-	11
7	RED / BLUE	13	-
7	RED / BLUE / WHITE	14	-
7	RED / BLUE / YELLOW	-	10
8	RED / VIOLET	15	-
8	RED / VIOLET / WHITE	16	-
8	RED / VIOLET / YELLOW	-	9
9	RED / ORANGE	17	-
9	RED / ORANGE / WHITE	18	-
9	RED / ORANGE / YELLOW	-	8
10	RED / BROWN	19	-
10	RED / BROWN / WHITE	-	-
10	RED / BROWN / YELLOW	-	7
11	BLUE	21	-
11	BLUE / WHITE	22	-
11	BLUE / YELLOW	-	6
12	BLUE / VIOLET	23	-
12	BLUE / VIOLET / WHITE	24	-
12	BLUE / VIOLET / YELLOW	-	5
13	BLUE / ORANGE	25	-
13	BLUE / ORANGE / WHITE	26	-
13	BLUE / ORANGE / YELLOW	-	4
14	BLUE / BROWN	27	-
14	BLUE / BROWN / WHITE	28	-
14	BLUE / BROWN / YELLOW	-	3
15	VIOLET	29	-
15	VIOLET / WHITE	30	-
15	VIOLET / YELLOW	-	2
16	VIOLET / ORANGE	31	-
16	VIOLET / ORANGE / WHITE	32	-
16	VIOLET / ORANGE / YELLOW	-	1

See Specification Tables starting on page 48.

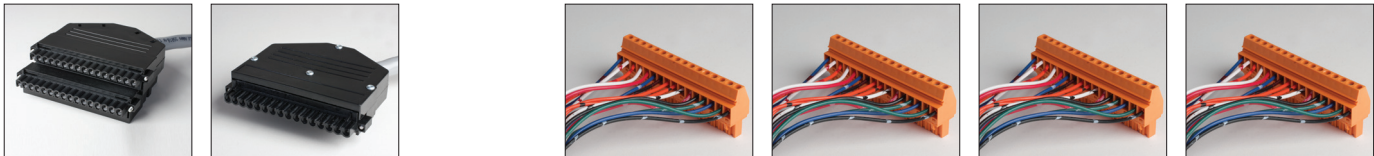
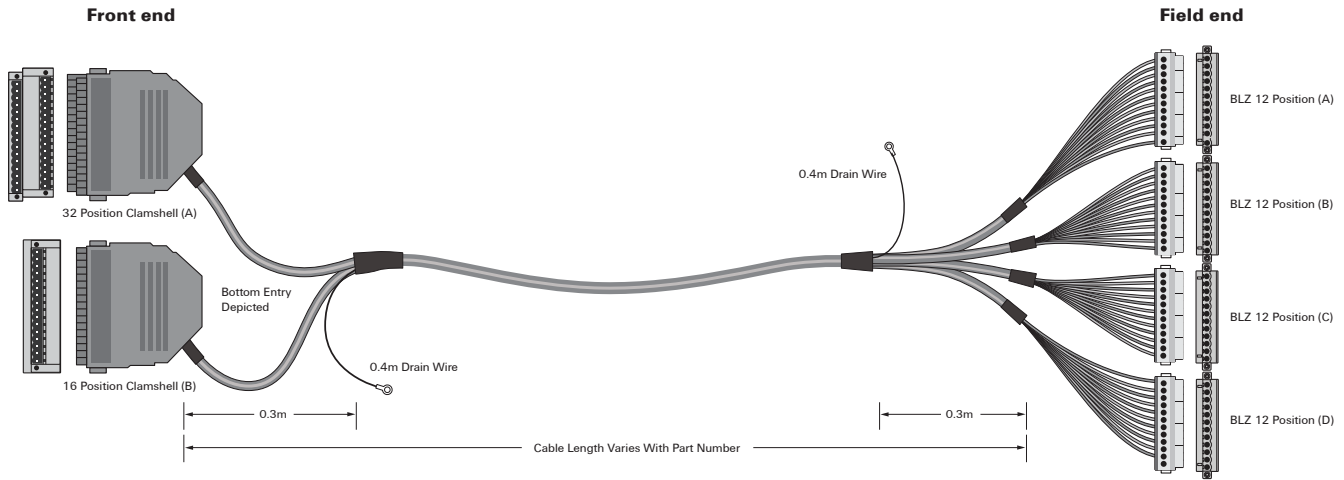
Additional cable lengths available. Contact your Weidmuller Sales Representative.

Additional Information

Use cable drawing MS-C48xxx-C48xx-xxx-xxx.

To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

Cable Assembly



Data Guide TRIAD			
PAIR	Insulation Color	PIN #	PIN #
1	BLACK	1	-
1	BLACK / WHITE	2	-
1	BLACK / YELLOW	-	16
2	BLACK / RED	3	-
2	BLACK / RED / WHITE	4	-
2	BLACK / RED / YELLOW	-	15
3	BLACK / BLUE	5	-
3	BLACK / BLUE / WHITE	6	-
3	BLACK / BLUE / YELLOW	-	14
4	BLACK / VIOLET	7	-
4	BLACK / VIOLET / WHITE	8	-
4	BLACK / VIOLET / YELLOW	-	13
5	BLACK / ORANGE	9	-
5	BLACK / ORANGE / WHITE	10	-
5	BLACK / ORANGE / YELLOW	-	12
6	RED	11	-
6	RED / WHITE	12	-
6	RED / YELLOW	-	11
7	RED / BLUE	13	-
7	RED / BLUE / WHITE	14	-
7	RED / BLUE / YELLOW	-	10
8	RED / VIOLET	15	-
8	RED / VIOLET / WHITE	16	-
8	RED / VIOLET / YELLOW	-	9
9	RED / ORANGE	17	-
9	RED / ORANGE / WHITE	18	-
9	RED / ORANGE / YELLOW	-	8
10	RED / BROWN	19	-
10	RED / BROWN / WHITE	20	-
10	RED / BROWN / YELLOW	-	7
11	BLUE	21	-
11	BLUE / WHITE	22	-
11	BLUE / YELLOW	-	6
12	BLUE / VIOLET	23	-
12	BLUE / VIOLET / WHITE	24	-
12	BLUE / VIOLET / YELLOW	-	5
13	BLUE / ORANGE	25	-
13	BLUE / ORANGE / WHITE	26	-
13	BLUE / ORANGE / YELLOW	-	4
14	BLUE / BROWN	27	-
14	BLUE / BROWN / WHITE	28	-
14	BLUE / BROWN / YELLOW	-	3
15	VIOLET	29	-
15	VIOLET / WHITE	30	-
15	VIOLET / YELLOW	-	2
16	VIOLET / ORANGE	31	-
16	VIOLET / ORANGE / WHITE	32	-
16	VIOLET / ORANGE / YELLOW	-	1

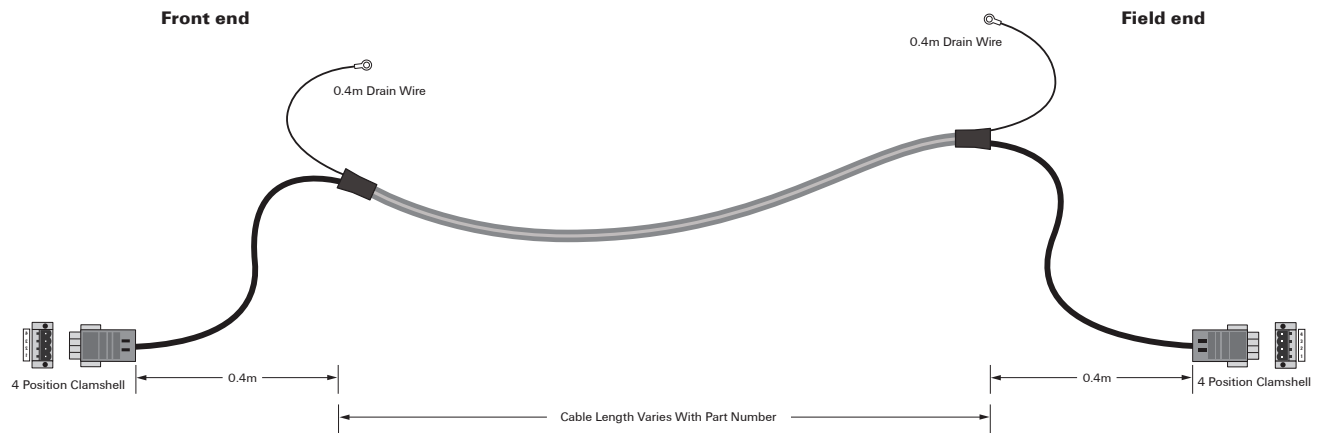
Data Guide TRIAD					
PAIR	Insulation Color	BLZP (A)	BLZP (B)	BLZP (C)	BLZP (D)
1	BLACK	1	-	-	-
1	BLACK / WHITE	2	-	-	-
1	BLACK / YELLOW	16	-	-	-
2	BLACK / RED	3	-	-	-
2	BLACK / RED / WHITE	4	-	-	-
2	BLACK / RED / YELLOW	15	-	-	-
3	BLACK / BLUE	5	-	-	-
3	BLACK / BLUE / WHITE	6	-	-	-
3	BLACK / BLUE / YELLOW	14	-	-	-
4	BLACK / VIOLET	7	-	-	-
4	BLACK / VIOLET / WHITE	8	-	-	-
4	BLACK / VIOLET / YELLOW	13	-	-	-
5	BLACK / ORANGE	-	9	-	-
5	BLACK / ORANGE / WHITE	-	10	-	-
5	BLACK / ORANGE / YELLOW	-	12	-	-
6	RED	-	11	-	-
6	RED / WHITE	-	12	-	-
6	RED / YELLOW	-	11	-	-
7	RED / BLUE	-	13	-	-
7	RED / BLUE / WHITE	-	14	-	-
7	RED / BLUE / YELLOW	-	10	-	-
8	RED / VIOLET	-	15	-	-
8	RED / VIOLET / WHITE	-	16	-	-
8	RED / VIOLET / YELLOW	-	9	-	-
9	RED / ORANGE	-	-	17	-
9	RED / ORANGE / WHITE	-	-	18	-
9	RED / ORANGE / YELLOW	-	-	8	-
10	RED / BROWN	-	-	19	-
10	RED / BROWN / WHITE	-	-	20	-
10	RED / BROWN / YELLOW	-	-	7	-
11	BLUE	-	-	21	-
11	BLUE / WHITE	-	-	22	-
11	BLUE / YELLOW	-	-	6	-
12	BLUE / VIOLET	-	-	23	-
12	BLUE / VIOLET / WHITE	-	-	24	-
12	BLUE / VIOLET / YELLOW	-	-	5	-
13	BLUE / ORANGE	-	-	-	25
13	BLUE / ORANGE / WHITE	-	-	-	26
13	BLUE / ORANGE / YELLOW	-	-	-	4
14	BLUE / BROWN	-	-	-	27
14	BLUE / BROWN / WHITE	-	-	-	28
14	BLUE / BROWN / YELLOW	-	-	-	3
15	VIOLET	-	-	-	29
15	VIOLET / WHITE	-	-	-	30
15	VIOLET / YELLOW	-	-	-	2
16	VIOLET / ORANGE	-	-	-	31
16	VIOLET / ORANGE / WHITE	-	-	-	32
16	VIOLET / ORANGE / YELLOW	-	-	-	1

See Specification Tables starting on page 48.
Additional cable lengths available. Contact your Weidmuller Sales Representative.

Additional Information

Use cable drawing MS-C48xxx-B42xx-xxx-xxx.
To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

Cable Assembly



4 Position CLAMSHELL Connector

PIN #	Insulation Color
1	See Specification Tables
2	for 22 AWG and 18 AWG
3	Color Codes
4	

4 Position CLAMSHELL Connector

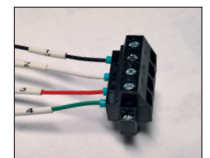
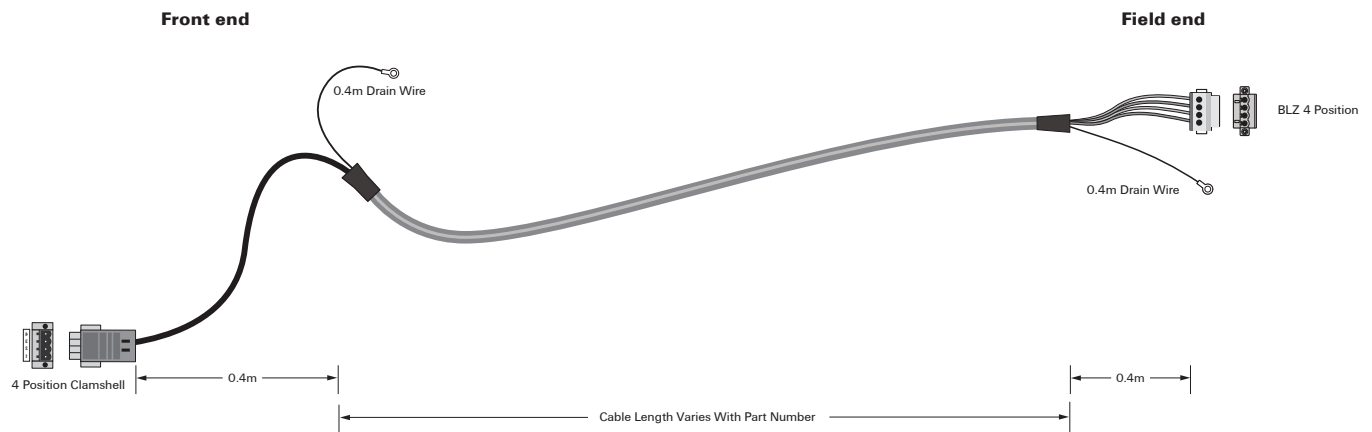
PIN #	Insulation Color
1	See Specification Tables
2	for 22AWG and 18AWG
3	Color Codes
4	

See Specification Table on page 53.

Additional cable lengths available.
Contact your Weidmuller Sales Representative.

Additional Information

Use cable drawing MS-C4-C4-xxx-xxx
To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.



4 Position CLAMSHELL Connector

PIN #	Insulation Color
1	See Specification Tables
2	for 22 AWG and 18 AWG
3	Color Codes
4	

4 Position BLZP Connector

PIN #	Insulation Color
1	See Specification Tables
2	for 22 AWG and 18 AWG
3	Color Codes
4	

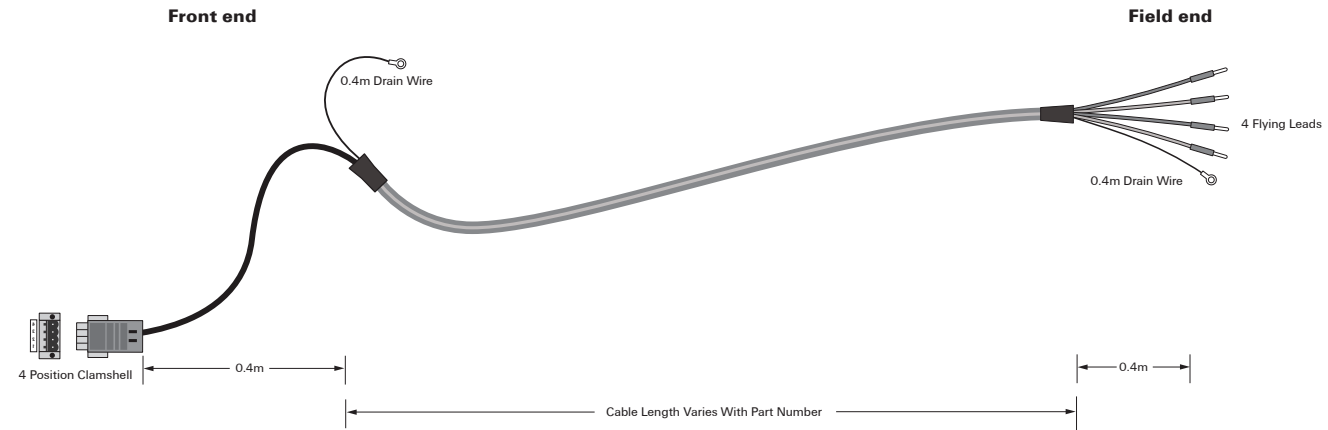
See Specification Tables starting on page 48.

Additional cable lengths available.
Contact your Weidmuller Sales Representative.

Additional Information

Use cable drawing MS-C4-B4-xxx-xxx
To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

Cable Assembly



4 Position CLAMSHELL Connector

PIN #	Insulation Color
1	See Specification Tables
2	for 22 AWG and 18 AWG
3	Color Codes
4	

4 Flying Leads from CLAMSHELL Connector

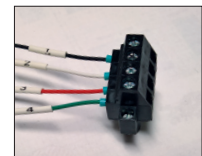
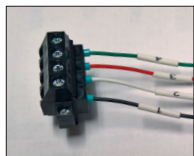
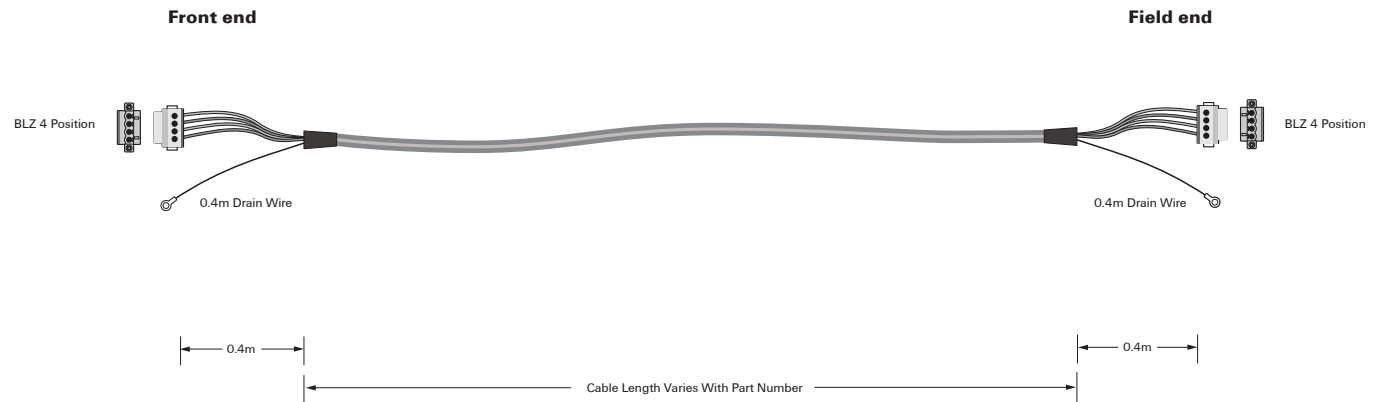
PIN #	Insulation Color
1	See Specification Tables
2	for 22 AWG and 18 AWG
3	Color Codes
4	

See Specification Tables starting on page 48.

Additional cable lengths available.
Contact your Weidmuller Sales Representative.

Additional Information

Use cable drawing MS-C4-XFLxx-xxx-xxx
For the field end of this cable, the following leads are available: ferruled flying, blunt flying and tinned flying.
To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.



4 Position BLZP Connector

PIN #	Insulation Color
1	See Specification Tables
2	for 22 AWG and 18 AWG
3	Color Codes
4	

4 Position BLZP Connector

PIN #	Insulation Color
1	See Specification Tables
2	for 22 AWG and 18 AWG
3	Color Codes
4	

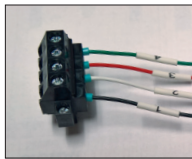
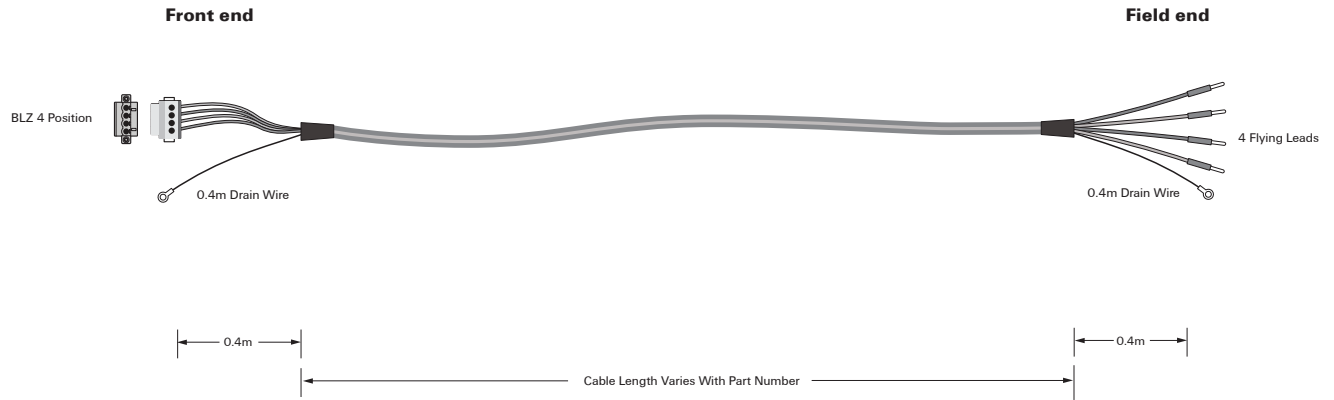
See Specification Table on page 53.

Additional cable lengths available.
Contact your Weidmuller Sales Representative.

Additional Information

Use cable drawing MS-B4-B4-xxx-xxx
To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

Cable Assembly

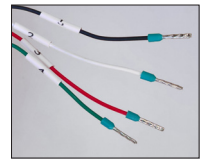


4 Position BLZP Connector

PIN #	Insulation Color
1	See Specification Tables
2	for 22 AWG and 18 AWG
3	Color Codes
4	

See Specification Tables starting on page 48.

Additional cable lengths available.
Contact your Weidmuller Sales Representative.



4 Flying Leads from BLZP Connector

PIN #	Insulation Color
1	See Specification Tables
2	for 22 AWG and 18 AWG
3	Color Codes
4	

Additional Information

Use cable drawing MS-B4-xxx-xxx-xxx
To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

**DGC - Data Guide Cable
Specification
8 Pair - 18 AWG**



**8 Pair 18 AWG PVC Insulated Cable
Overall Foil Shielded with PVC Jacket
UL and CSA Rated 80C 300VOLTS**

Conductor	18 AWG 16 Strands Tinned Annealed Copper in Accordance with ASTM B-3 and B-8
Dielectric	.011" Nominal Wall Thickness PVC to Diameter of .068"
Color Code	As Indicated
Twist Assembly	Lay Length: 2-1/2" Nominal Left Hand
Cable Assembly	Lay Length: 5-1/2" Nominal Left Hand Direction
	Filler: Polypropylene Required in Core Area
	Foil Shield: .0012" Nominal Thickness Aluminum/Polyester Tape, Foil Facing Out
	Drain: 18 AWG 16 Strand Tinned Copper over Foil Shield
Jacket	Material: Thermoplastic PVC
	Color: Gray
	Wall Thickness: .032" Nominal
	Finished Cable Diameter: .425" Nominal
Cable Identification	Type: Surface Print on Jacket
	Ink Color: Black
	Legend: "8PR 18A E90298 80C TYPE CM 105C OR AWM 2464 80C 300V VW-1 - LL91737 CSA TYPE CMG 105C FT4 - CE ROHS"
Mechanical	Operating Temperature: -25C to +80C
	Min. Bend Radius: 7"

Customer Number	MAT-009
D.G. Part Number	12F7-2
Prepared By:	KAM
Reviewed By:	WJD

Color Code

Pairs	Colors
1	BLACK & BLACK/WHITE
2	BLACK/RED & BLACK/RED/WHITE
3	BLACK/RED/ VIOLET & WHITE
4	WHITE/RED & WHITE/BLACK
5	WHITE/RED/BLACK & WHITE/RED/VIOLET
6	RED & RED/WHITE
7	RED/BLACK & RED/VIOLET
8	RED/WHITE/BLACK & RED/BLACK/VIOLET

Agency Approval

UL TYPE CM 105C
UL AWM 2464 80C 300VOLTS VW-1
CSA TYPE CMG 105C
CE: EU LOW VOLTAGE DIRECTIVE 2006/95/EC
RoHS
IEEE 1202 (FT4) FLAME RATED
DESIGNED TO MEET IEC 60332-1, -2 FLAME RATINGS

Revision History

Rev	Date	By	Description
-	9/16/14	WD	INITIAL RELEASE
1	2/10/15	WD	ADD CE PRINT TO JACKET

DGC - Data Guide Cable Specification
18 Pair - 22 AWG



18 Pair 22 AWG PVC Insulated Cable
Foil and Braid Shielded with PVC Jacket
UL and CSA Rated

Conductor	22 AWG 7 Strands Tinned Annealed Copper in Accordance with ASTM B-3 and B-8
Dielectric	.010" Nominal Wall Thickness PVC to Diameter of .050"
Color Code	As Indicated
Twist Assembly	Lay Length: 1-1/2" Nominal Left Hand
Cable Assembly	Lay Length: 6" Nominal Left Hand Direction
	Filler: Polypropylene Required in Core Area
	Foil Shield: .0012" Nominal Thickness Aluminum/Polyester Tape, Foil Facing Out
	Drain: 22 AWG 7 Strand Tinned Copper over Foil Shield
Braid	Material: 36 AWG Tinned Copper
	Coverage: 70% Nominal
	Color: Gray
Jacket	Material: Thermoplastic PVC
	Color: Gray
	Wall Thickness: .032" Nominal
	Finished Cable Diameter: .498" Nominal
Cable Identification	Type: Surface Print on Jacket
	Ink Color: Black
	Legend: "18PR 22A E123820 22 AWG TYPE CM (UL) 105C OR AWM 2464 -- LL91737 CSA TYPE CMG 105C FT4 CE ROHS"
Mechanical	Operating Temperature: -25C to +105C
	Min. Bend Radius: 5-3/4"
Customer Number	MAT-015
D.G. Part Number	13K16-8
Prepared By:	KAM
Reviewed By:	WJD

Color Code

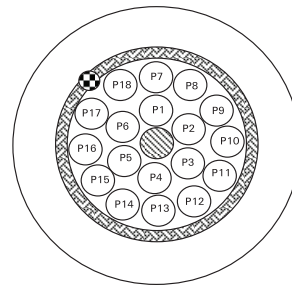
Pair	Color	Pair	Color
1	Black & Black/White	10	Blue/Red & Blue/Black
2	Black/Red & Black/Red/White	11	Blue/White/Black & Purple
3	Black/Red/Purple & White	12	Purple/White & Purple/Black
4	White/Red & White/Black	13	Purple/Orange/Black & Purple/Black/White
5	White/Red/Black & White/Red/Purple	14	Orange & Orange/Red
6	Red & Red/White	15	Orange/Black & Orange/Purple
7	Red/Black & Red/Purple	16	Orange/White/Black & Orange/Black/Purple
8	Red/White/Black & Red/Black/Purple	17	Brown & Brown/White
9	Blue & Blue/White	18	Yellow & Yellow/Black

Agency Approval

UL TYPE CM 105C
UL AWM 2464 80C 300VOLTS VW-1
CSA TYPE CMG 105C
CE: EU LOW VOLTAGE DIRECTIVE 2006/95/EC
RoHS
IEEE 1202 (FT4) FLAME RATED
DESIGNED TO MEET IEC 60332-1, -2 FLAME RATINGS

Revision History

Rev	Date	By	Description
-	10/24/13	WD	INITIAL RELEASE
1	11/6/13	WD	ADD APPROVALS/MECHANICAL
2	2/4/14	WD	COLOR CODE CHANGE
3	3/11/14	WD	ADD FLAME RATINGS
4	2/10/15	WD	ADD CE PRINT TO JACKET



DGC - Data Guide Cable Specification
18 Pair - 18 AWG

18 Pair 18 AWG PVC Insulated Cable
Overall Foil Shielded with PVC Jacket
UL and CSA Rated 80C 300VOLTS

Conductor	18 AWG 16 Strands Tinned Annealed Copper in Accordance with ASTM B-3 and B-8
Dielectric	.010" Nominal Wall Thickness PVC to Diameter of .066"
Color Code	As Indicated
Twist Assembly	Lay Length: 2-1/2" Nominal Left Hand
Cable Assembly	Lay Length: 8" Nominal Left Hand Direction
	Filler: Polypropylene Required in Core Area
	Foil Shield: .0012" Nominal Thickness Aluminum/Polyester Tape, Foil Facing Out
	Drain: 18 AWG 16 Strand Tinned Copper over Foil Shield
Jacket	Material: Thermoplastic PVC
	Color: Gray
	Wall Thickness: .032" Nominal
	Finished Cable Diameter: .600" Nominal
Cable Identification	Type: Surface Print on Jacket
	Ink Color: Black
	Legend: "18PR 18A E90298 18 AWG TYPE CM 105C OR AWM 2464 80C 300V VW-1 -- LL91737 CSA TYPE CMG 105C FT4 CE ROHS"
Mechanical	Operating Temperature: -25C to +80C
	Min. Bend Radius: 7"
Customer Number	MAT-007 DRAFT 1
D.G. Part Number	12C13-2
Prepared By:	KAM
Reviewed By:	WJD

Color Code

Pairs	Colors
1	BLACK & BLACK/WHITE
2	BLACK/RED & BLACK/RED/WHITE
3	BLACK/RED/VIOLET & WHITE
4	WHITE/RED & WHITE/BLACK
5	WHITE/RED/BLACK & WHITE/RED/VIOLET
6	RED & RED/WHITE
7	RED/BLACK & RED/VIOLET
8	RED/WHITE/BLACK & RED/BLACK/VIOLET
9	BLUE & BLUE/WHITE
10	BLUE/RED & BLUE/BLACK
11	BLUE/WHITE/BLACK & VIOLET
12	VIOLET/WHITE & VIOLET/BLACK
13	VIOLET/ORANGE/BLACK & VIOLET/BLACK/WHITE
14	ORANGE & ORANGE/RED
15	ORANGE/BLACK & ORANGE/VIOLET
16	ORANGE/WHITE/BLACK & ORANGE/BLACK/VIOLET
17	BROWN & BROWN/WHITE
18	YELLOW & YELLOW/BLACK

Agency Approval

UL TYPE CM 105C
UL AWM 2464 80C 300VOLTS VW-1
CSA TYPE CMG 105C
CE: EU LOW VOLTAGE DIRECTIVE 2006/95/EC
RoHS
IEEE 1202 (FT4) FLAME RATED
DESIGNED TO MEET IEC 60332-1, -2 FLAME RATINGS

Revision History

Rev	Date	By	Description
-	2/28/14	WD	INITIAL RELEASE
1	3/11/14	WD	ADD FLAME RATINGS
2	2/10/15	WD	ADD CE PRINT TO JACKET



DGC - Data Guide Cable Specification
16 Triad - 22 AWG

16 Triad 22 AWG PVC Insulated Cable
Overall Foil and Braid Shielded with PVC Jacket
UL and CSA Rated

Conductor	22 AWG 7 Strands Tinned Annealed Copper in Accordance with ASTM B-3 and B-8
Dielectric	.010" Nominal Wall Thickness PVC to Diameter of .050"
Color Code	As Indicated
Triad Assembly	Lay Length: 1-3/4" Nominal Left Hand
Cable Assembly	Lay Length: 7-3/4" Nominal Left Hand Direction
	Filler: Polypropylene Required in Core Area
	Foil Shield: .0012" Nominal Thickness Aluminum/Polyester Tape, Foil Facing Out
	Drain: 22 AWG 7 Strand Tinned Copper over Foil Shield
Braid	Material: 36 AWG Tinned Copper
	Coverage: 70% Nominal
Jacket	Material: Thermoplastic PVC
	Color: Gray
	Wall Thickness: .032" Nominal
	Finished Cable Diameter: .595" Nominal
Cable Identification	Type: Surface Print on Jacket
	Ink Color: Black
	Legend: "16TRIAD 22A E123820 22 AWG TYPE CM (UL) 105C OR AWM 2464 -- LL91737 CSA TYPE CMG 105C FT4 ROHS"
Mechanical	Operating Temperature: -25C to +105C
	Min. Bend Radius: 7-1/4"
Customer Number	
D.G. Part Number	14G1-7
Prepared By:	KAM
Reviewed By:	WJD

Color Code

Triad	Color
1	BLACK, BLACK/WHITE, BLACK/YELLOW
2	BLACK/RED, BLACK/RED/WHITE, BLACK/RED/YELLOW
3	BLACK/BLUE, BLACK/BLUE/WHITE, BLACK/BLUE/YELLOW
4	BLACK/VIOLET, BLACK/VIOLET/WHITE, BLACK/VIOLET/YELLOW
5	BLACK/ORANGE, BLACK/ORANGE/WHITE, BLACK/ORANGE/YELLOW
6	RED, RED/WHITE, RED/YELLOW
7	RED/BLUE, RED/BLUE/WHITE, RED/BLUE/YELLOW
8	RED/VIOLET, RED/VIOLET/WHITE, RED/VIOLET/YELLOW
9	RED/ORANGE, RED/ORANGE/WHITE, RED/ORANGE/YELLOW
10	RED/BROWN, RED/BROWN/WHITE, RED/BROWN/YELLOW
11	BLUE, BLUE/WHITE, BLUE/YELLOW
12	BLUE/VIOLET, BLUE/VIOLET/WHITE, BLUE/VIOLET/YELLOW
13	BLUE/ORANGE, BLUE/ORANGE/WHITE, BLUE/ORANGE/YELLOW
14	BLUE/BROWN, BLUE/BROWN/WHITE, BLUE/BROWN/YELLOW
15	VIOLET, VIOLET/WHITE, VIOLET/YELLOW
16	VIOLET/ORANGE, VIOLET/ORANGE/WHITE, VIOLET/ORANGE/YELLOW

Listings/Agency Approval

UL TYPE CM 105C
UL AWM 2464 80C 300VOLTS VW-1
CSA TYPE CMG 105C
RoHS
IEEE 1202(FT4) FLAME RATED
DESIGNED TO MEET IEC 60332-1, -2 FLAME RATINGS

Revision History

-	7/14/14	WD	INITIAL RELEASE
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DGC - Data Guide Cable Specification
16 Triad - 18 AWG

16 Triad 18 AWG PVC Insulated Cable
Overall Foil Shielded with PVC Jacket
UL and CSA Rated 80C 300VOLTS

Conductor	18 AWG 16 Strands Tinned Annealed Copper in Accordance with ASTM B-3 and B-8
Dielectric	.010" Nominal Wall Thickness PVC to Diameter of .066"
Color Code	As Indicated
Triad Assembly	Lay Length: 3" Nominal Left Hand
Cable Assembly	Lay Length: 10-1/4" Nominal Left Hand Direction
	Filler: Polypropylene Required in Core Area
	Foil Shield: .0012" Nominal Thickness Aluminum/Polyester Tape, Foil Facing Out
	Drain: 18 AWG 16 Strand Tinned Copper over Foil Shield
Jacket	Material: Thermoplastic PVC
	Color: Gray
	Wall Thickness: .032" Nominal
	Finished Cable Diameter: .737" Nominal
Cable Identification	Type: Surface Print on Jacket
	Ink Color: Black
	Legend: "16TRIAD 18A E90298 AWM 2464 80C 300V VW-1 -- LL91737 CSA AWM I/II A/B 80C 300V FT4 ROHS"
Mechanical	Operating Temperature: -25C to +80C
	Min. Bend Radius: 9"
Customer Number	
D.G. Part Number	14G1-8
Prepared By:	KAM
Reviewed By:	WJD

Color Code

Triad	Color
1	BLACK, BLACK/WHITE, BLACK/YELLOW
2	BLACK/RED, BLACK/RED/WHITE, BLACK/RED/YELLOW
3	BLACK/BLUE, BLACK/BLUE/WHITE, BLACK/BLUE/YELLOW
4	BLACK/VIOLET, BLACK/VIOLET/WHITE, BLACK/VIOLET/YELLOW
5	BLACK/ORANGE, BLACK/ORANGE/WHITE, BLACK/ORANGE/YELLOW
6	RED, RED/WHITE, RED/YELLOW
7	RED/BLUE, RED/BLUE/WHITE, RED/BLUE/YELLOW
8	RED/VIOLET, RED/VIOLET/WHITE, RED/VIOLET/YELLOW
9	RED/ORANGE, RED/ORANGE/WHITE, RED/ORANGE/YELLOW
10	RED/BROWN, RED/BROWN/WHITE, RED/BROWN/YELLOW
11	BLUE, BLUE/WHITE, BLUE/YELLOW
12	BLUE/VIOLET, BLUE/VIOLET/WHITE, BLUE/VIOLET/YELLOW
13	BLUE/ORANGE, BLUE/ORANGE/WHITE, BLUE/ORANGE/YELLOW
14	BLUE/BROWN, BLUE/BROWN/WHITE, BLUE/BROWN/YELLOW
15	VIOLET, VIOLET/WHITE, VIOLET/YELLOW
16	VIOLET/ORANGE, VIOLET/ORANGE/WHITE, VIOLET/ORANGE/YELLOW

Listings/Agency Approval

UL AWM 2464 80C 300VOLTS VW-1
CSA TYPE AWM FT4 80C 300VOLTS
RoHS
IEEE 1202 (FT4) FLAME RATED
DESIGNED TO MEET IEC 60332-1, -2 FLAME RATINGS

Revision History

-	7/14/14	WD	INITIAL RELEASE
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**DGC - Data Guide Cable
Specification
18 Pair - 22 AWG**

**Available
Upon Request**



**18 Pair 22 AWG Polypropylene Insulated Cable
Foil and Braid Shielded with LSZH Jacket**

UL AWM Rated

Conductor	22 AWG 7 Strands Tinned Annealed Copper in Accordance with ASTM B-3 and B-8
Dielectric	.013" Nominal Wall Thickness Polypropylene to Diameter of .056"
Color Code	As Indicated
Twist Assembly	Lay Length: 1-3/4" Nominal Left Hand
Cable Assembly	Lay Length: 6" Nominal Left Hand Direction
	Filler: Polypropylene Required in Core Area
	Foil Shield: .0012" Nominal Thickness Aluminum/Polyester Tape, Foil Facing Out
Braid	Drain: 22 AWG 7 Strand Tinned Copper over Foil Shield
	Material: 36 AWG Tinned Copper Coverage: 70% Nominal
Jacket	Material: Thermoplastic LSZH
	Color: Gray
	Wall Thickness: .032" Nominal
	Finished Cable Diameter: .498" Nominal
Cable Identification	Type: Surface Print on Jacket
	Ink Color: Black
	Legend: "18PR 22A E90298 AWM STYLE 20626 90C 300VOLTS CE ROHS"
Mechanical	Operating Temperature: -40C to +90C
	Min. Bend Radius: 5-3/4"

Customer Number	
D.G. Part Number	15L20-7
Prepared By:	KAM
Reviewed By:	VJJD

Color Code

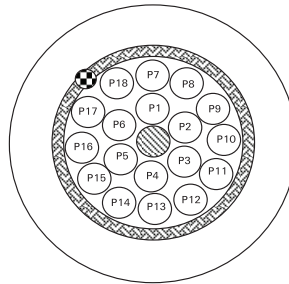
Pair	Color
1	Black & Black/White
2	Black/Red & Black/Red/White
3	Black/Red/Violet & White
4	White/Red & White/Black
5	White/Red/Black & White/Red/Violet
6	Red & Red/White
7	Red/Black & Red/Violet
8	Red/White/Black & Red/Black/Violet
9	Blue & Blue/White
10	Blue/Red & Blue/Black
11	Blue/White/Black & Violet
12	Violet/White & Violet/Black
13	Violet/Orange/Black & Violet/Black/White
14	Orange & Orange/Red
15	Orange/Black & Orange/Violet
16	Orange/White/Black & Orange/Black/Violet
17	Brown & Brown/White
18	Yellow & Yellow/Black

Listings/Agency Approval

UL AWM 20626 90C 300VOLTS VW-1
CE: EU Low Voltage Directive 2006/95/EC
RoHS
DESIGNED TO MEET IEC 60332-1, -2 FLAME RATINGS

Revision History

Rev	Date	By	Description
-	12/10/15	WD	INITIAL RELEASE
1	4/27/16	WD	REDESIGN TO 16PR W/NO BRAID
2	11/8/16	WD	BACK TO INITIAL RELEASE DESIGN
3	3/15/17	WD	PVC TO POLYPRO INSULATION



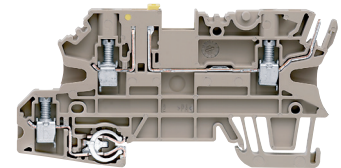
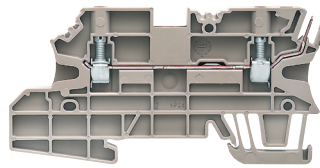
Multi-functional terminals

WMF 2.5 BLZP

2.5 mm²

WMF 2.5 DI BLZP PE

2.5 mm²



Width/Length/height with TS35x7.5 mm
 max. current / max. cond. cross-section A/mm²
 Max. clamping range mm²

5.08 x 87 x 45
26 / 4
0.05...4

5.08 x 87 x 45
19 / 4
0.05...4

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	(mm ²)
Rated impulse voltage / Pollution severity	kV/-
Further technical data	
solid / stranded	mm ²
"f" with wire end ferrule acc. to DIN 46 228/1	(AWG)
"f" with wire end ferrule with plastic collar	(AWG)
Stripping length / Torque range	mm
Note	

IEC	UL	CSA
250	300	300
24	10	10
2.5	26...12 AWG (0.05...4)	
8 kV/3		
0.5...4 / 1.5...4		
0.5...2.5 (26...14)		
0.5...2.5 (26...14)		
10 / 0.5 - 0.6		
UL rated current = 26A (factory wiring only) 20A (factory and field wiring) 15A (at BLZP plug)		

IEC	UL	CSA
250	300	300
20	10	10
2.5	26...12 AWG (0.05...4)	
8 kV/3		
0.5...4 / 1.5...4		
0.5...2.5 (26...14)		
0.5...2.5 (26...14)		
10 / 0.5 - 0.6		
UL rated voltages / current: 300V at User Group B 150V / 15A at User Group D 300V / 10A at User Group D		

Ordering data

Version	
Dark beige Wemid	
Blue Wemid	
Black Wemid	
10 - 36 V AC/DC, with LED	
30 - 70 V AC/DC, with LED	
60 - 15 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	
Note	

Type	Qty.	Part No.
WMF 2.5 BLZP	50	1143050000
UL rated voltages / current: 300V at User Group B 150V / 15A at User Group D 300V / 10A at User Group D		

Type	Qty.	Part No.
WMF 2.5 DI BLZP PE	50	1143010000
UL rated current: 14A at BLZP plug		

Accessories

End plate / partition	Version
AP WMF2.5; Pitch = 1.5 mm	Beige Wemid
Mounting block for socket connector	
	Without peg
Cross-connection	
ZQV 2.5N	2-pole
	3-pole
	10-pole
	20-pole
Screwdriver	
SD acc. to DIN 5264-A	
Module connector (max. 250 V)	
	Without fittings
	With wire jumper
	With 1N4007 diode
Holder for cartridge fuse, 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Fuse levers for fuse or disconnect terminals	
Disconnect plug	
	Yellow Wemid
	Disconnect lever only
Marking tags	
Printout	
DEK	neutral
WS	neutral
WAD cover for unused plug positions	

Type	Qty.	Part No.
AP WMF2.5	1	1142990000
Width		
WBB WMF2.5 BLZP	1	1142980000
ZQV 2.5N/2 GE	60	1693800000
ZQV 2.5N/3 GE	60	1693810000
ZQV 2.5N/10 GE	20	1693880000
ZQV 2.5N/20 GE	10	1909000000
SD 0.6x3.5x100	1	9008330000
Width		
SIHA 3/G20	6 mm	25 7921560000
SIHA 3/G20/LD 10-36V	6 mm	25 7921570000
SIHA 3/G20/LD 140-250V	6 mm	25 7921600000

Type	Qty.	Part No.
AP WMF2.5	1	1142990000
Width		
WBB WMF2.5 BLZP	1	1142980000
ZQV 2.5N/2 GE	60	1693800000
ZQV 2.5N/3 GE	60	1693810000
ZQV 2.5N/10 GE	20	1693880000
ZQV 2.5N/20 GE	10	1909000000
SD 0.6x3.5x100	1	9008330000
BEST	50	1833100000
BEST/DRBR	50	1878570000
BEST/D	50	1878560000
Width		
SIHA 3/G20	6 mm	25 7921560000
SIHA 3/G20/LD 10-36V	6 mm	25 7921570000
SIHA 3/G20/LD 140-250V	6 mm	25 7921600000
WMF 2.5 Fuse Lever, w/o indication 1167630000		
WMF 2.5 Fuse Lever, LED 10-36VAC/DC 1167640000		
WMF 2.5 Fuse Lever, LED 30-70VAC/DC 1167650000		
WMF 2.5 Fuse Lever, LED 60-150VAC/DC 1167670000		
WMF 2.5 Fuse Lever, LED 100-250VAC/DC 1167680000		
TNST	50	1833090000
DEK 5 1000 1609801044		
WS 10/5 MC Middle 720 1792000000		
WAD WMF2.5 1 1142970000		



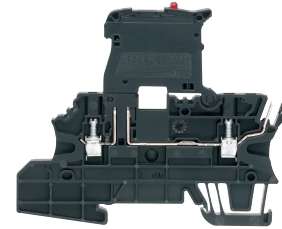
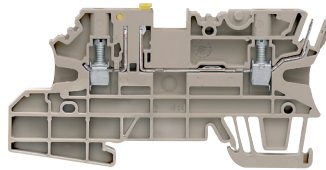
Multi-functional terminals

WMF 2.5 DI BLZP

2.5 mm²

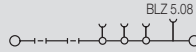
WMF 2.5 FU BLZP

2.5 mm²

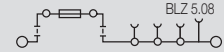


Width/Length/height with TS35x7.5 mm
 max. current / max. cond. cross-section A/mm²
 Max. clamping range mm²

5.08 x 87 x 45
19 / 4
0.05...4



5.08 x 87 x 72
15 / 4
0.05...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	(mm ²)
Rated impulse voltage / Pollution severity	kV/-
Further technical data	
solid / stranded	mm ²
"f" with wire end ferrule acc. to DIN 46 228/1	(AWG)
"f" with wire end ferrule with plastic collar	(AWG)
Stripping length / Torque range	mm
Note	

IEC	UL	CSA
250		
20		
2.5		
8 kV/3		
0.5...4 / 1.5...4		
0.5...2.5 (26...14)		
0.5...2.5 (26...14)		
10 / 0.5 - 0.6		
UL rated voltages / current: 300V at User Group B 150V / 15A at User Group D 300V / 10A at User Group D		

IEC	UL	CSA
250	300	300
6.3	10	10
2.5	26...12 AWG (0.05...4)	
8 kV/3		
0.5...4 / 1.5...4		
0.5...2.5 (26...14)		
0.5...2.5 (26...14)		
10 / 0.5 - 0.6		
UL rated voltages / current: 300V at User Group B 150V / 15A at User Group D 300V / 10A at User Group D 8.5A at BLZP plug		

Ordering data

Version
Dark beige Wemid
Blue Wemid
Black Wemid
10 - 36 V AC/DC, with LED
30 - 70 V AC/DC, with LED
60 - 15 V AC/DC, with LED
100 - 250 V AC/DC, with LED
Note

Type	Qty.	Part No.
WMF 2.5 DI BLZP	50	1143000000
UL rated current: 14A at BLZP plug		

Type	Qty.	Part No.
WMF 2.5 FU BLZP SW	50	1162980000
WMF 2.5 FU BLZP 10-36V SW	50	1162990000
WMF 2.5 FU BLZP 30-70V SW	50	1163000000
WMF 2.5 FU BLZP 60-150V SW	50	1163010000
WMF 2.5 FU BLZP 100-250V SW	50	1163020000
LED versions with low leakage current < 0.5 mA		

Accessories

End plate / partition	Version
AP WMF2.5; Pitch = 1.5 mm	Beige Wemid
Mounting block for socket connector	
	Without peg
Cross-connection	
ZQV 2.5N	2-pole
	3-pole
	10-pole
	20-pole
Screwdriver	
SD acc. to DIN 5264-A	
Module connector (max. 250 V)	
	Without fittings
	With wire jumper
	With 1N4007 diode
Holder for cartridge fuse, 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Fuse levers for fuse or disconnect terminals	
Disconnect plug	
	Yellow Wemid
	Disconnect lever only
Marking tags	
Printout	Printout
DEK	neutral
WS	neutral
WAD cover for unused plug positions	

Type	Qty.	Part No.
AP WMF2.5	1	1142990000
WBB WMF2.5 BLZP	1	1142980000
ZQV 2.5N/2 GE	60	1693800000
ZQV 2.5N/3 GE	60	1693810000
ZQV 2.5N/10 GE	20	1693880000
ZQV 2.5N/20 GE	10	1909000000
SD 0.6x3.5x100	1	9008330000
BEST	50	1833100000
BEST/DRBR	50	1878570000
BEST/D	50	1878560000
Width		
SIHA 3/G20	6 mm	25
SIHA 3/G20/LD 10-36V	6 mm	25
SIHA 3/G20/LD 140-250V	6 mm	25
WMF 2.5 Fuse Lever, w/o indication		1167630000
WMF 2.5 Fuse Lever, LED 10-36VAC/DC		1167640000
WMF 2.5 Fuse Lever, LED 30-70VAC/DC		1167650000
WMF 2.5 Fuse Lever, LED 60-150VAC/DC		1167670000
WMF 2.5 Fuse Lever, LED 100-250VAC/DC		1167680000
TNST	50	1833090000
DEK 5	1000	1609801044
WS 10/5 MC Middle	720	1792000000
WAD WMF2.5	1	1142970000

Type	Qty.	Part No.
AP WMF2.5	1	1142990000
WBB WMF2.5 BLZP	1	1142980000
ZQV 2.5N/2 GE	60	1693800000
ZQV 2.5N/3 GE	60	1693810000
ZQV 2.5N/10 GE	20	1693880000
ZQV 2.5N/20 GE	10	1909000000
SD 0.6x3.5x100	1	9008330000
Width		
SIHA 3/G20	6 mm	25
SIHA 3/G20/LD 10-36V	6 mm	25
SIHA 3/G20/LD 140-250V	6 mm	25
WMF 2.5 Fuse Lever, w/o indication		1167630000
WMF 2.5 Fuse Lever, LED 10-36VAC/DC		1167640000
WMF 2.5 Fuse Lever, LED 30-70VAC/DC		1167650000
WMF 2.5 Fuse Lever, LED 60-150VAC/DC		1167670000
WMF 2.5 Fuse Lever, LED 100-250VAC/DC		1167680000
DEK 5	1000	1609801044
WS 10/5 MC Middle	720	1792000000
WAD WMF2.5	1	1142970000

Multi-functional terminals

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²


Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	(mm ²)
Rated impulse voltage / Pollution severity	kV/-
Further technical data	
solid / stranded	mm ²
"f" with wire end ferrule acc. to DIN 46 228/1	(AWG)
"f" with wire end ferrule with plastic collar	(AWG)
Stripping length / Torque range	mm
Note	

Ordering data

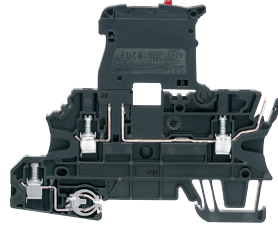
Version	
Dark beige Wemid	
Blue Wemid	
Black Wemid	
10 - 36 V AC/DC, with LED	
30 - 70 V AC/DC, with LED	
60 - 15 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	
Note	

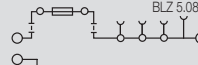
Accessories

End plate / partition	Version
AP WMF2.5; Pitch = 1.5 mm	Beige Wemid
Mounting block for socket connector	
	Without peg
Cross-connection	
ZQV 2.5N	2-pole
	3-pole
	10-pole
	20-pole
Screwdriver	
SD acc. to DIN 5264-A	
Module connector (max. 250 V)	
	Without fittings
	With wire jumper
	With 1N4007 diode
Holder for cartridge fuse, 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Fuse levers for fuse or disconnect terminals	
Disconnect plug	
	Yellow Wemid
	Disconnect lever only
Marking tags	
Printout	Printout
DEK	neutral
WS	neutral
WAD cover for unused plug positions	

WMF 2.5 FU BLZP PE SW

2.5 mm²



5.08 x 87 x 72	
15 / 4	
0.05...4	

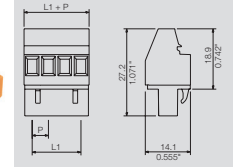
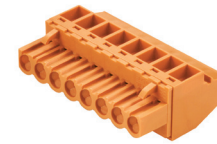
IEC	UL	CSA
250	300	300
6.3	10	10
2.5	26...12 AWG (0.05...4)	
8 kV/3		
0.5...4 / 1.5...4		
0.5...2.5 (26...14)		
0.5...2.5 (26...14)		
10 / 0.5 - 0.6		
UL rated voltages / current: 300V at User Group B		
150V / 15A at User Group D		
300V / 10A at User Group D		
8.5A at BLZP plug		

Type	Qty.	Part No.
WMF 2.5 FU BLZP PE SW	50	1162820000
WMF 2.5 FU BLZP PE 10-36V SW	50	1162830000
WMF 2.5 FU BLZP PE 30-70V SW	50	1162840000
WMF 2.5 FU BLZP PE 60-150V SW	50	1162850000
WMF 2.5 FU BLZP PE 100-250V SW	50	1162860000
LED versions with low leakage current < 0.5 mA		

Type	Qty.	Part No.
AP WMF2.5	1	1142990000
WBB WMF2.5 BLZP	1	1142980000
ZQV 2.5N/2 GE	60	1693800000
ZQV 2.5N/3 GE	60	1693810000
ZQV 2.5N/10 GE	20	1693880000
ZQV 2.5N/20 GE	10	1909000000
SD 0.6x3.5x100	1	9008330000
Width		
SIHA 3/G20	6 mm	7921560000
SIHA 3/G20/LD 10-36V	6 mm	7921570000
SIHA 3/G20/LD 140-250V	6 mm	7921600000
WMF 2.5 Fuse Lever, w/o indication		1167630000
WMF 2.5 Fuse Lever, LED 10-36VAC/DC		1167640000
WMF 2.5 Fuse Lever, LED 30-70VAC/DC		1167650000
WMF 2.5 Fuse Lever, LED 60-150VAC/DC		1167670000
WMF 2.5 Fuse Lever, LED 100-250VAC/DC		1167680000
DEK 5	1000	1609801044
WS 10/5 MC Middle	720	1792000000
WAD WMF2.5	1	1142970000

BLZPP 5.08/90

Can be mounted side-by-side without sacrificing any poles

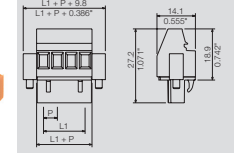


Ordering data

Pitch 5.08 mm		Orange	Black
Poles	L1 mm (inch)	Qty.	Part No.
2	5.08 (0.200)	180	1948000000
4	15.24 (0.600)	90	1948020000
8	35.56 (1.400)	42	1948060000
12	55.88 (2.200)	30	1948110000
16	76.20 (3.000)	18	1948380000

BLZPP 5.08/90F

With screw flange



Ordering data

Pitch 5.08 mm		Orange	Black
Poles	L1 mm (inch)	Qty.	Part No.
2	5.08 (0.200)	90	1949800000
4	15.24 (0.600)	60	1949820000
8	35.56 (1.400)	36	1949860000
12	55.88 (2.200)	24	1949900000
16	76.20 (3.000)	18	1949940000

Technical data

Rated data to IEC 60664-1 / IEC 61984		
Clamping range, max.	mm ²	0.13...4
Solid H05(07) V-U	mm ²	0.2...4
Stranded H07 V-R	mm ²	
Flexible H05(07) V-K	mm ²	0.2...4
Flexible with ferrule	mm ²	0.2...4
Ferrule with plastic collar	mm ²	0.2...2.5
Stripping length	mm	7
Screwdriver blade	mm	0.6 x 3.5
according to norm		DIN 5264
Tightening torque range	Nm	0.4 ... 0.5
Rated current		
at ambient temperature	20 °C	40 °C
	A	15
	A	12
Overvoltage category		
	III	III II
Pollution severity		
	3	2 2
Rated voltage	V	250 320 400
Rated impulse voltage	kV	4 4 4
UL 1059 rated data		
	B	C D
Nominal voltage	V	300 300
Rated current	A	15 10
AWG conductor		26-12
CSA C22.2 rated data		
	B	C D
Nominal voltage	V	300 300
Rated current	A	10 10
AWG conductor		26-12
Material data		
Type of insulating material		PBT
Flammability class acc. UL94		V-0
Contact base material		Copper alloy
Material of contact surface		tinned

Weidmuller – Your partner in Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Industrial Connectivity.

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Weidmüller 