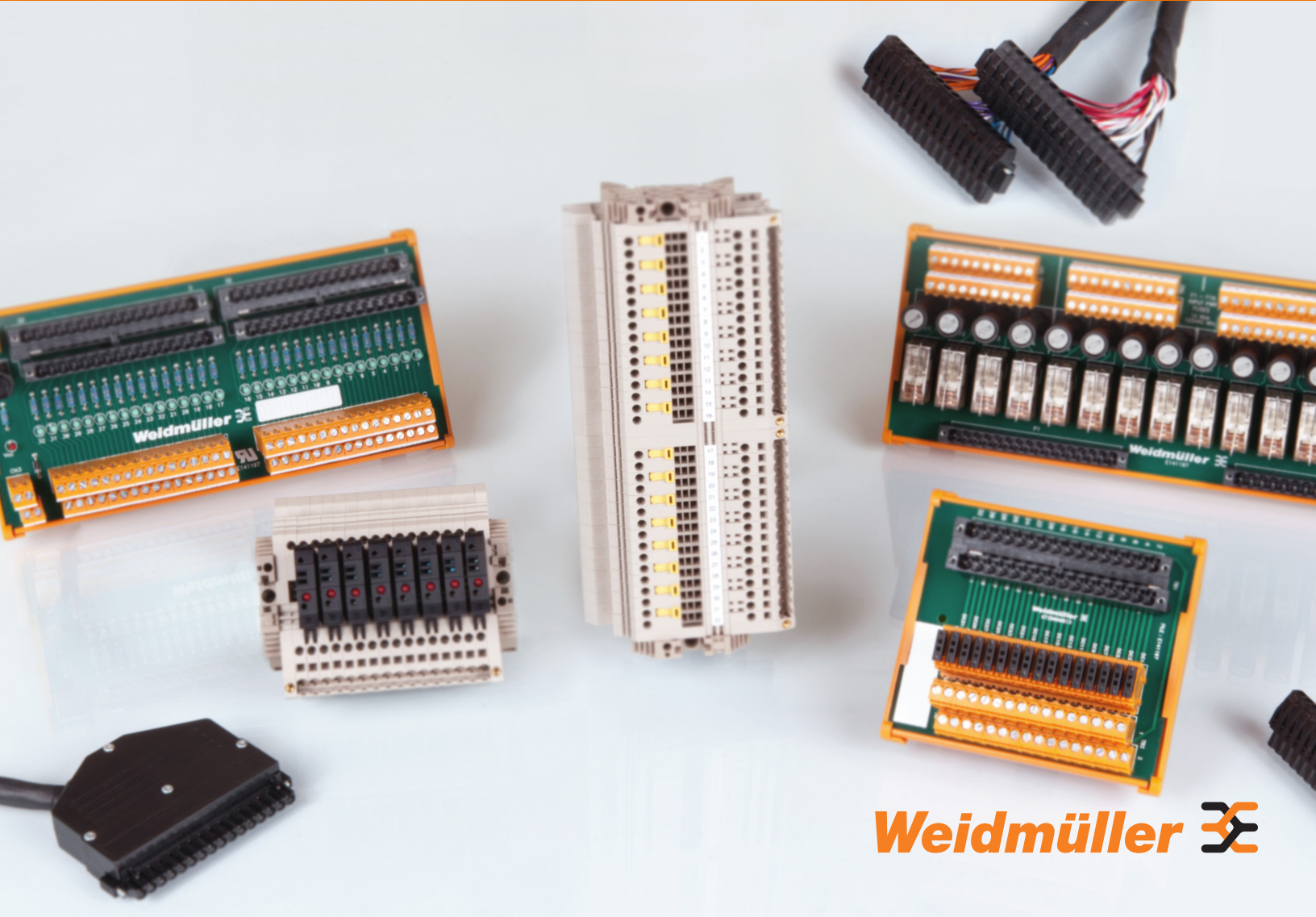


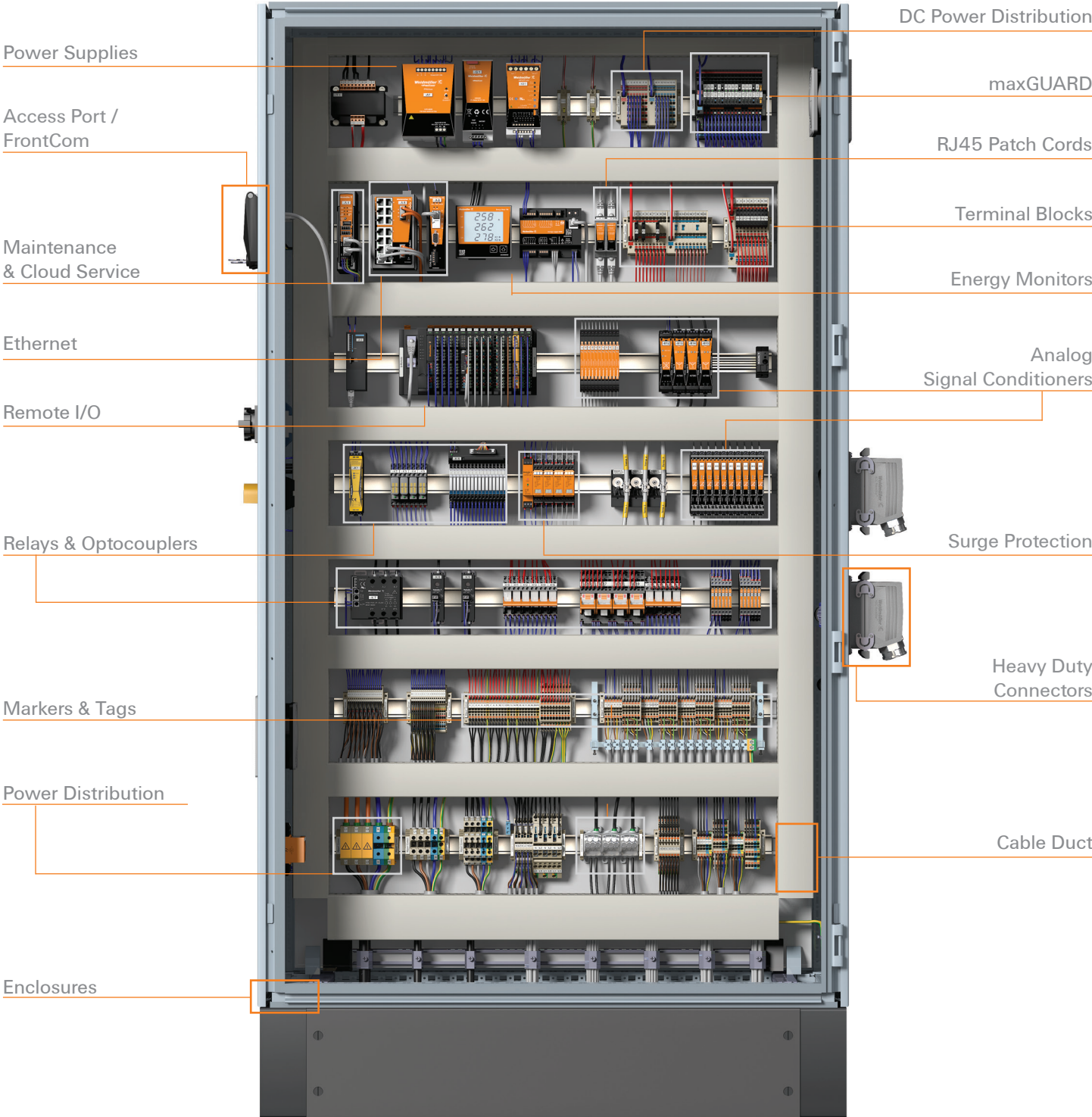
Marshalling Solutions

Catalog

North America

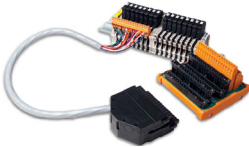


Weidmüller



Weidmüller – Your Solution Partner in Industrial Connectivity

Marshalling Solutions for Control Systems



DCS Marshalling System **3**



Typical Application Configurations **4**



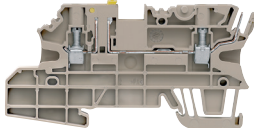
Field Termination Assemblies **6**



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.

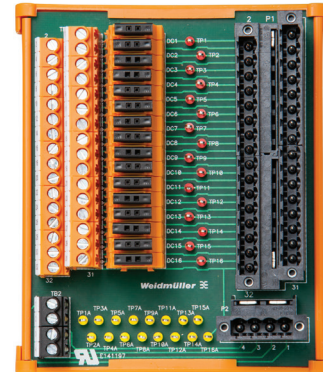


Field Termination Assemblies (FTA)

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.



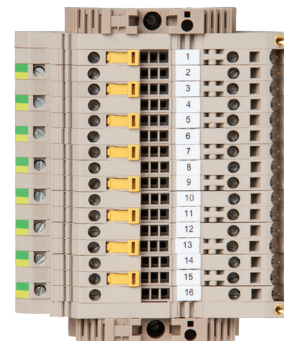
Terminal Block Kits

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

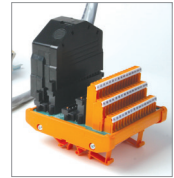
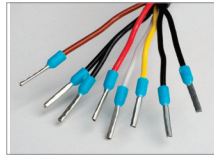
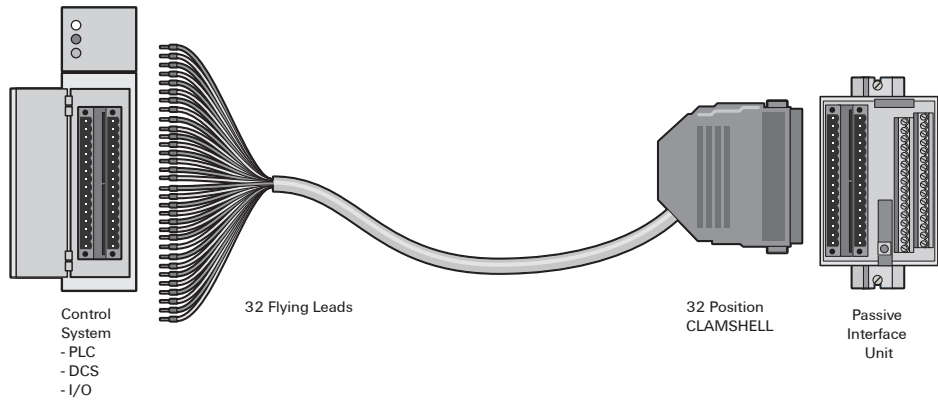
Using these modular components, almost any combination of discrete or analog signals can be marshalled or wired, regardless of the DCS or PLC used.



Typical Application Configurations

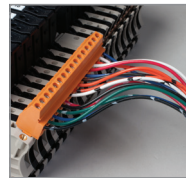
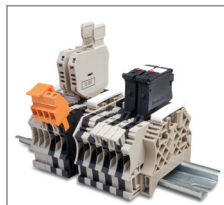
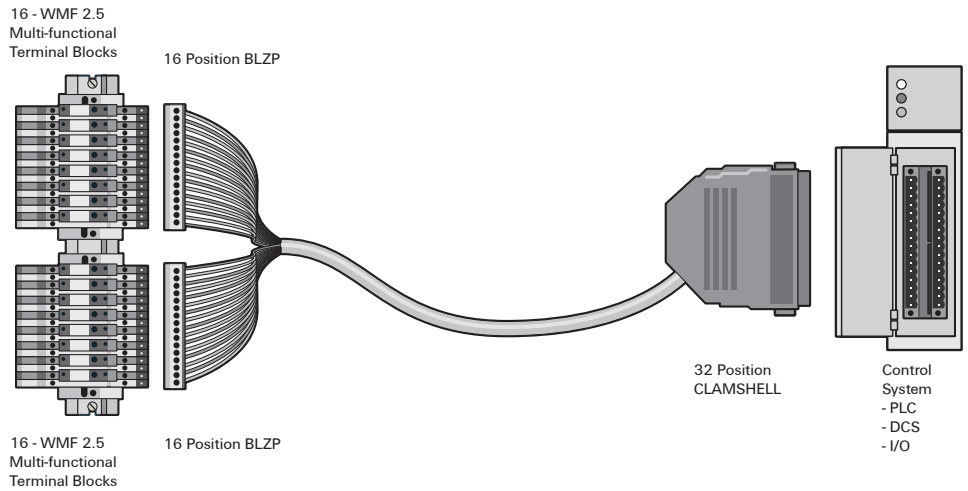
This marshalling solution has a 32-conductor cable with ferruled flying leads on one end for easy connection to the front panel of the controller. The field end has a 32 position Clamshell connector that can easily plug into a Weidmuller 32 pole interface board.

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



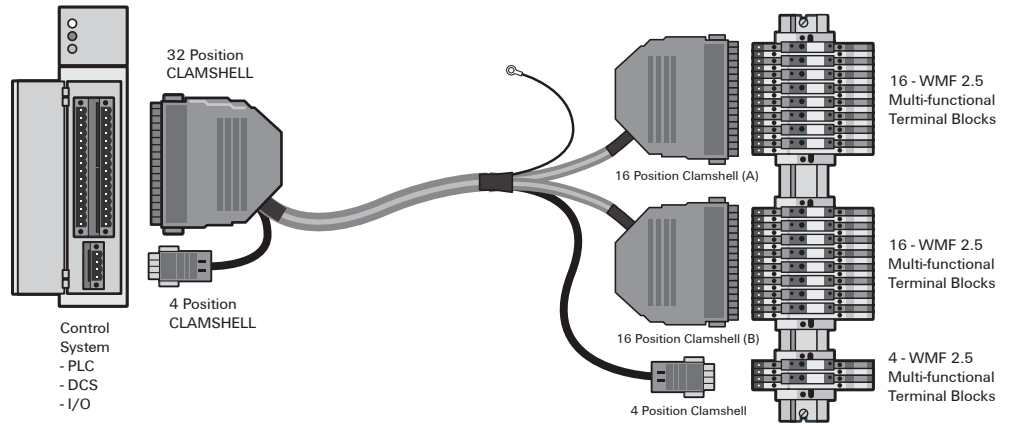
Marshalling is made easy with a 32 position Clamshell connector for connection on the DCS, along with two-16 position BLZP 5.08 connectors on the field end for a strong connection to the Weidmuller WMF terminal block grouping.

- Reduced termination time
- Color-coded conductors



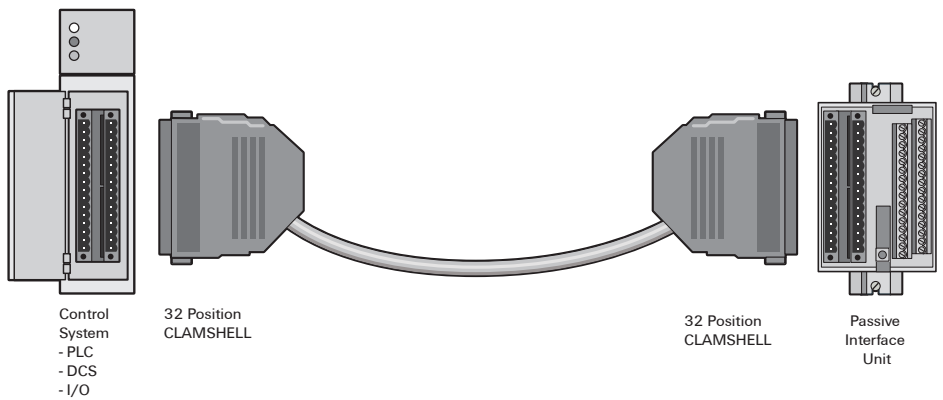
This cable is a 36 conductor cable with a 32 position Clamshell connector for easy connection on the DCS side along with a 4 position clamshell connector break out for separated potential connections. On the field side we have two-16 pole Clamshell connectors and a 4 position clamshell connector separate.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

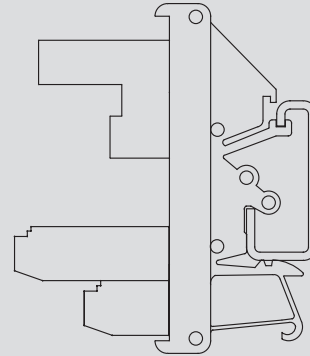
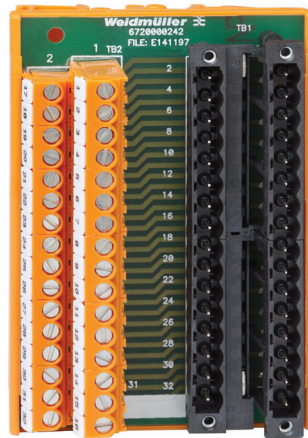
- Quick termination
- Reduced install time
- Keyed connectors to reduce potential wiring errors



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)

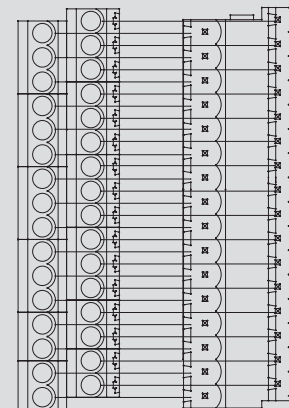
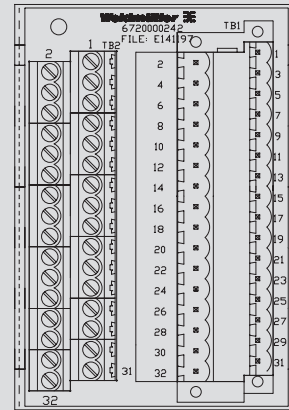
32 pole, feed through interface module (Field wiring left)



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

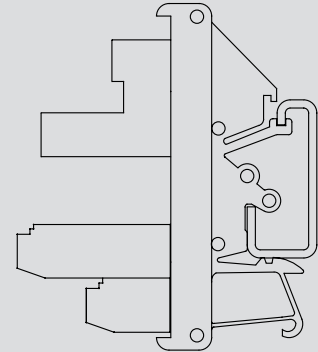
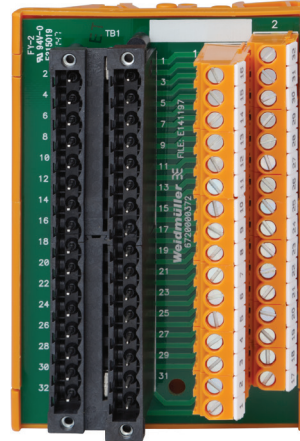
| |
|----------------|
| Optional Cable |
| Note |

| |
|---|
| 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 |
| No |
| No |
| AWG 26 ... 12 |
| |
| cURus (E141197) |
| |
| 4.0 x 2.8 x 2.6 / 101.6 x 71.1 x 66 |
| |

Ordering data

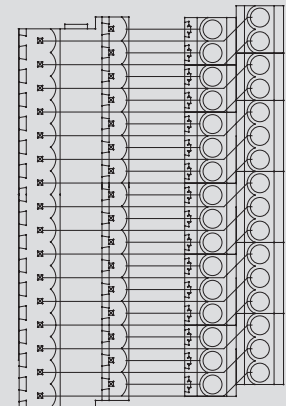
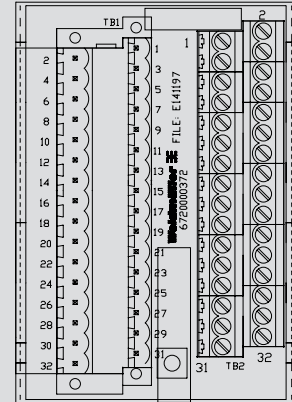
| |
|------------------|
| |
| Screw connection |
| Note |

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

Accessories

| |
|-----------------------|
| |
| Optional Cable |
| Note |

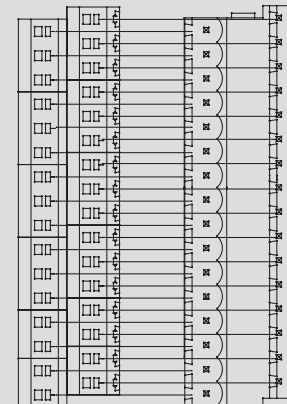
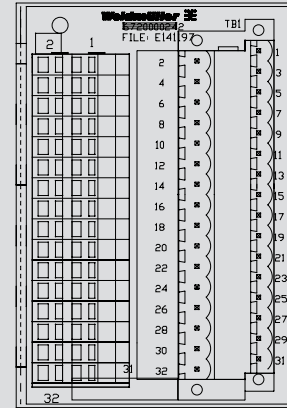
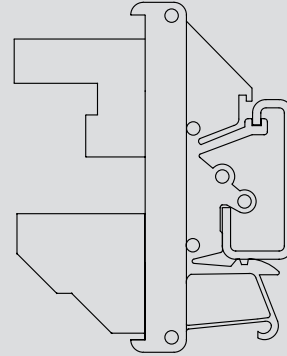
| | |
|---|------------------------------|
| | DWG No. |
| a clamshell 32-pole to clamshell 32-pole | MS - C32x - C32x - Lxx - xxx |
| Required quantity based on Honeywell IOTA used | |



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

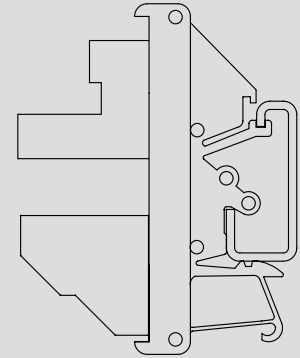
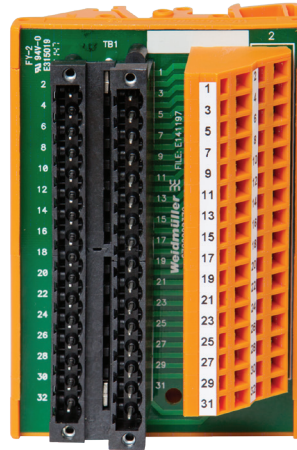
| | |
|----------------|--|
| Optional Cable | |
| Note | |

| | |
|--|------------------------------|
| | 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

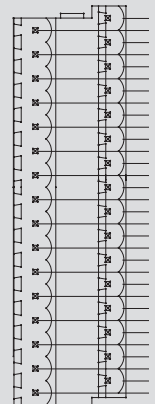
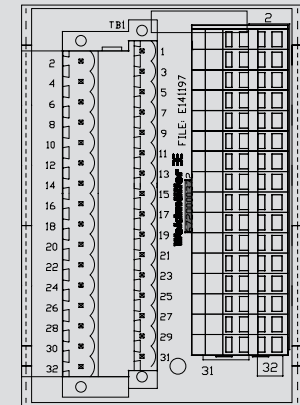
| Model | Qty | Part No. |
|--------------------|-----|------------|
| Tension connection | 1 | 6720000588 |
| Note | | |

| 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 | |

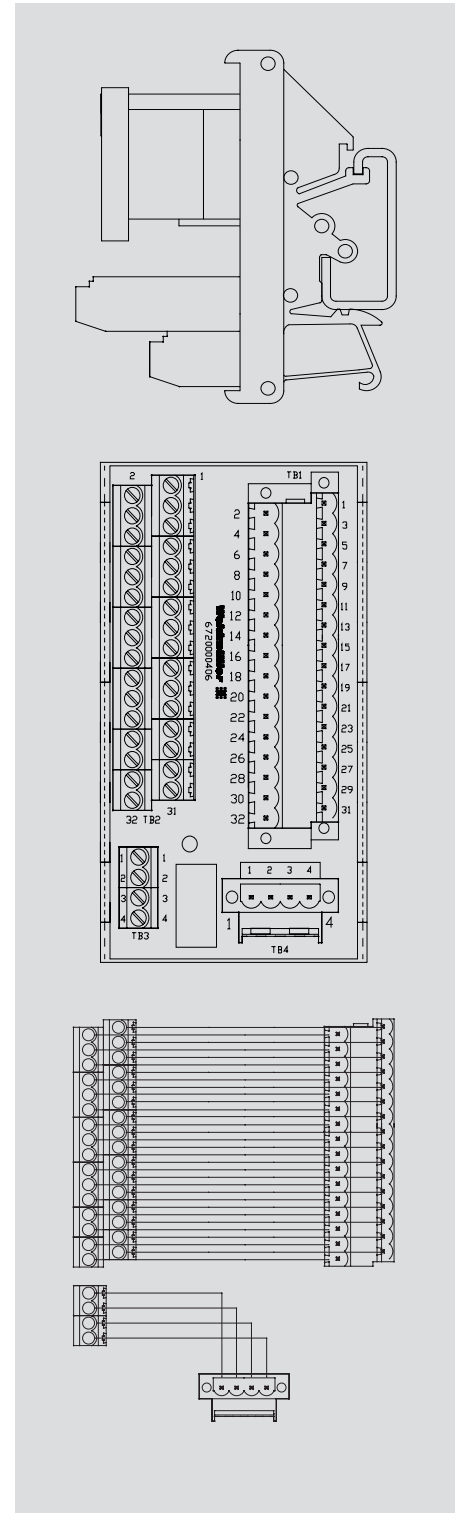
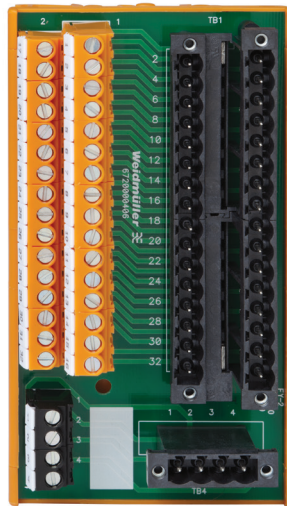
| Optional Cable | MS - C32x - C32x - Lxx - xxx | DWG No. |
|--|--|---------|
| a clamshell 32-pole to clamshell 32-pole | MS - C32x - C32x - Lxx - xxx | |
| Note | Required quantity based on Honeywell IOTA used | |



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. |
|--|-----|------------|
| 32-pole plus 4-pole power, feed through interface module (Field wiring left) | 1 | 6720000406 |
| Note | | |

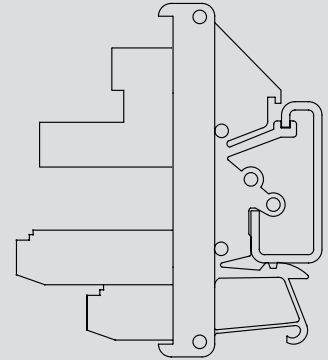
Accessories

| | 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
- 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 |

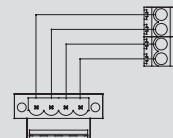
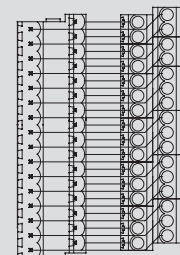
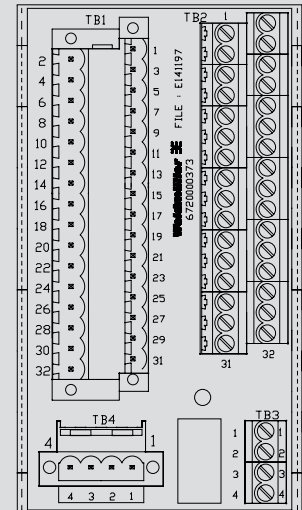
Note

Accessories

Optional Cables

Note

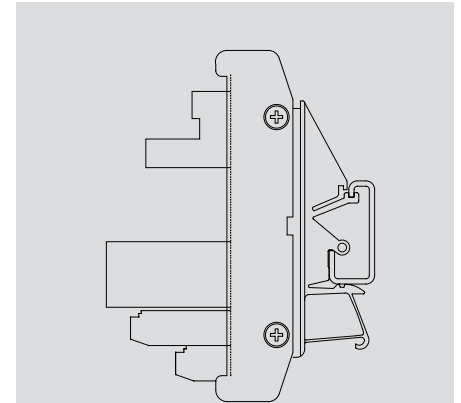
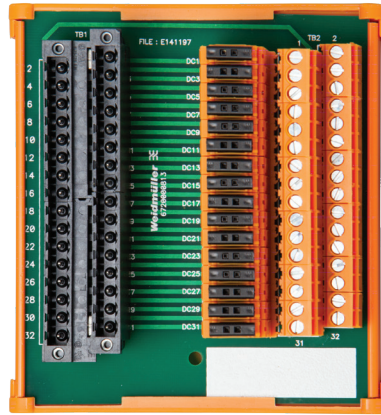
| Model | | Qty | Part No. |
|---------------------------------------|----------------------------------|-----|----------|
| a clamshell 32-pole each end | MS - C32x - C32x - Lxx - xxx | | |
| a clamshell 32-pole + 4-pole each end | MS - C2+xxx - C2+xxx - Lxx - xxx | | |



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 | |
| 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

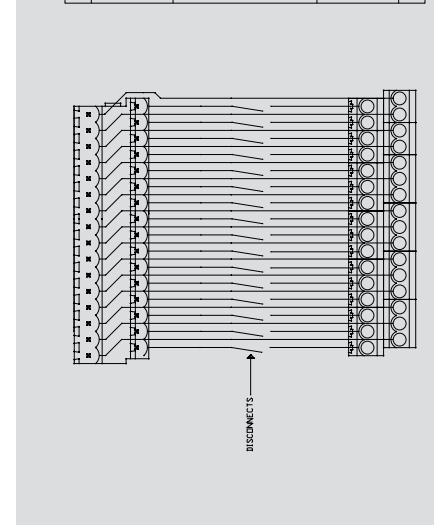
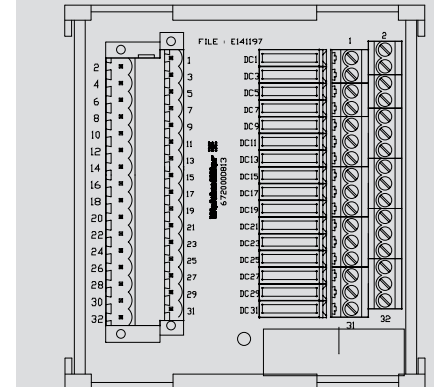
| | |
|------------------|--|
| | |
| Screw connection | |
| Note | |

| 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 | |

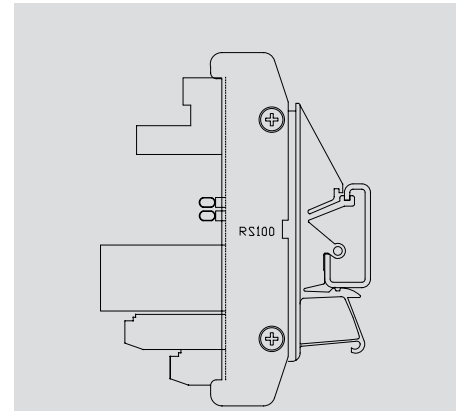
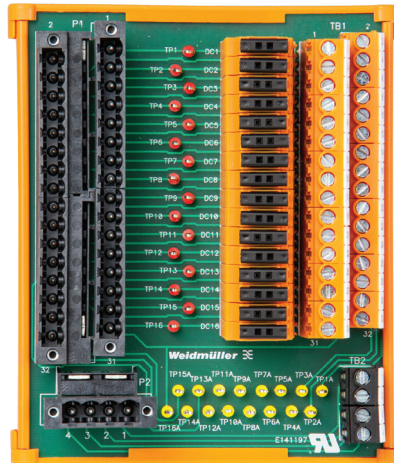
| | |
|---|------------------------------|
| | |
| | DWG No. |
| a clamshell 32-pole to clamshell 32-pole | MS - C32x - C32x - Lxx - xxx |
| Required quantity based on Honeywell IOTA used | |



Field Termination Assembly

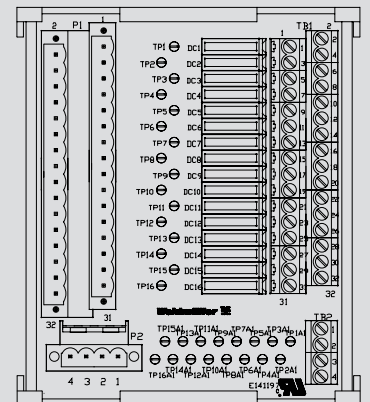
- CLAMSHELL style connection on module
- Test points for HART monitoring
- Disconnects for each channel
- Reduce Cabinet Space
- Field wiring termination from RIGHT side
- 16 channels
- Feed through connections with disconnects
- For analog signals
- 32 points
- 4 additional terminations for power/return 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 | 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 | 50V |
| 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 | 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 | |

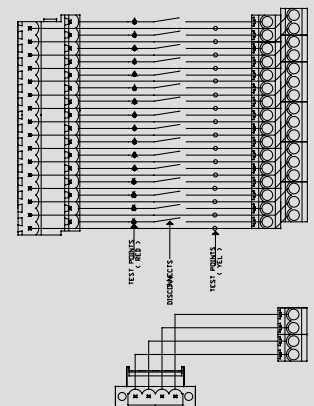


Ordering data

| Model | Qty | Part No. |
|--|-----|------------|
| Screw connection | 1 | 7940115765 |
| Note | | |
| Disconnects located on terminals 1,3,5...29,31 | | |

Accessories

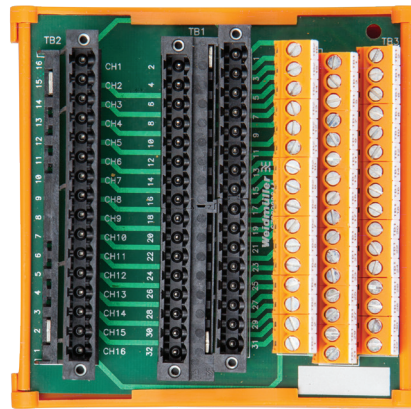
| | DWG No. |
|---|--|
| a clamshell 32-pole to clamshell 32-pole OR a clamshell 32-pole + 4-pole each end | MS - C32x - C32x - Lxx - xxx MS - C2+xxx - C2+xxx - Lxx - xxx |
| Note | |
| Required quantity based on Honeywell IOTA used | |



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 | |
| 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 and CLAMSHELL SLD 16-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) | |
| 4.2 x 4.4 x 3.7 / 106.7 x 111.8 x 94.0 | |
| Note | |

Ordering data

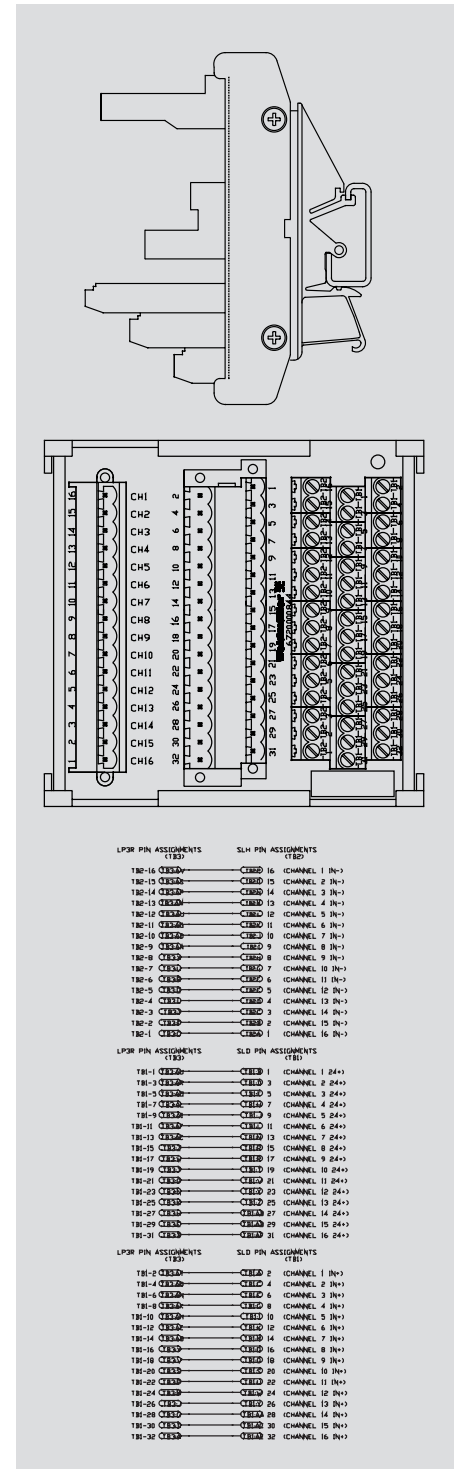
| | | |
|------------------|--|--|
| Screw connection | | |
| Note | | |

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

Accessories

| | |
|-----------------|--|
| Optional Cables | |
| Note | |

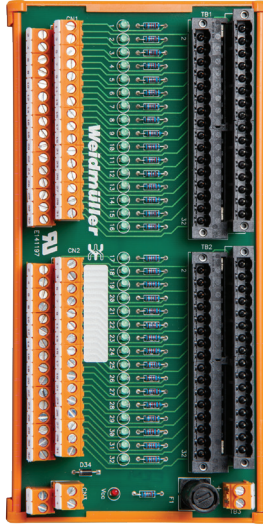
| | | |
|--|------------------------------|---------|
| | | DWG No. |
| a clamshell 32-pole to clamshell 32-pole | MS - C32x - C32x - Lxx - xxx | |
| a clamshell 16-pole each end | MS - C16x - C16x - Rxx - xxx | |
| Note | | |



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 |

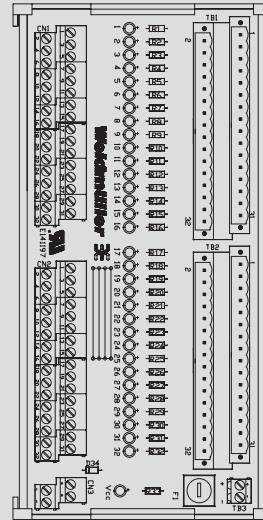
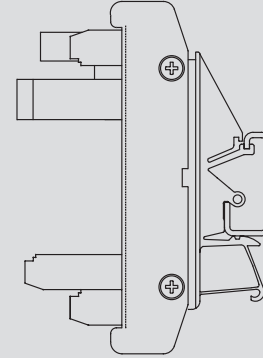
| Model | Qty | Part No. |
|---|------------------------------|------------|
| 32-channel digital input interface module (Field wiring left) | 1 | 7940099800 |
| For use with non-line monitored inputs only | | |
| DWG No. | | |
| a clamshell 32-pole to clamshell 32-pole | MS - C32x - C32x - Lxx - xxx | |

Ordering data

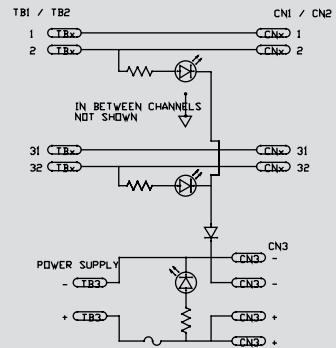
| |
|------------------|
| Screw connection |
| Note |

Accessories

| |
|-----------------|
| Optional Cables |
| Note |



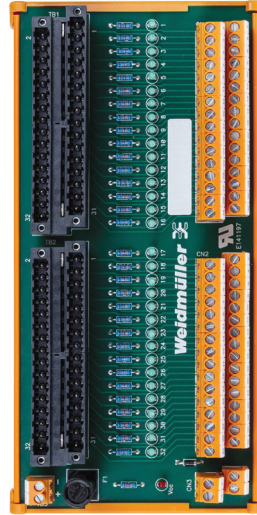
TYPICAL CONNECTIONS BETWEEN TBI AND CNI (TB2 AND CN2 ARE IDENTICAL)



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

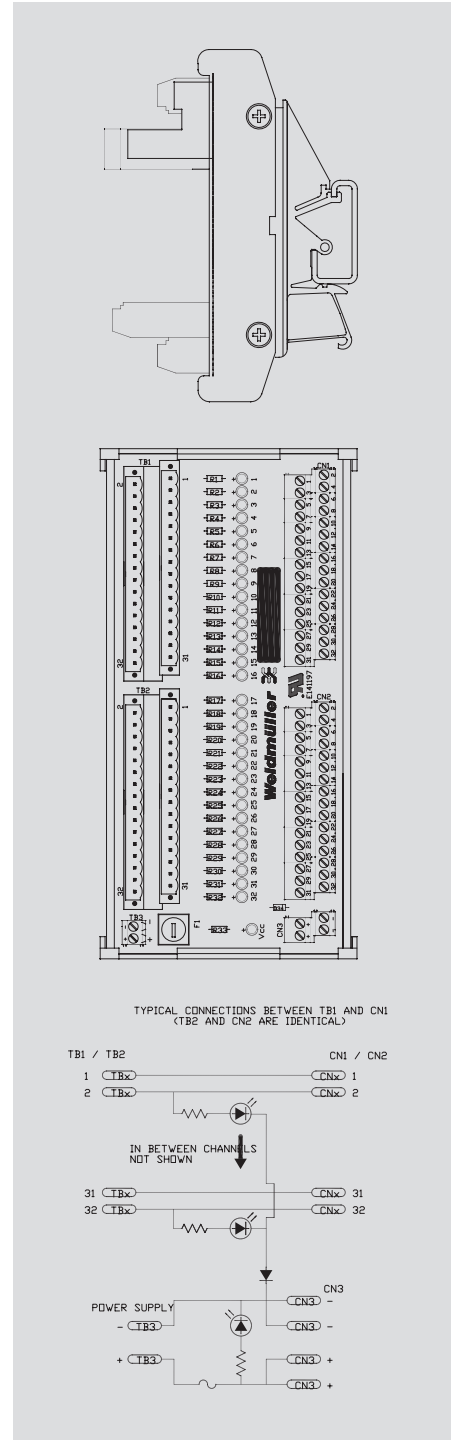
| Connection data | |
|---------------------------------------|---|
| Process side | Screw connection |
| Type | LL2N terminal |
| Torque | 4.4. in-lbs (0.5Nm) |
| Control side | Plug connection |
| Type | 2 X CLAMSHELL SLD 32-Pole |
| Rated data | |
| Rated voltage | 24 Vdc |
| Max. current per channel | 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 |

Ordering data

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

Accessories

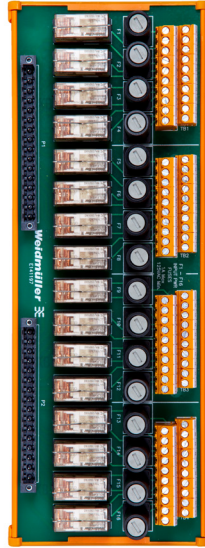
| | DWG No. |
|-----------------|---|
| Optional Cables | a clamshell 32-pole to clamshell 32-pole MS - C32x - C32x - Lxx - xxx |
| Note | |



Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- 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 | |

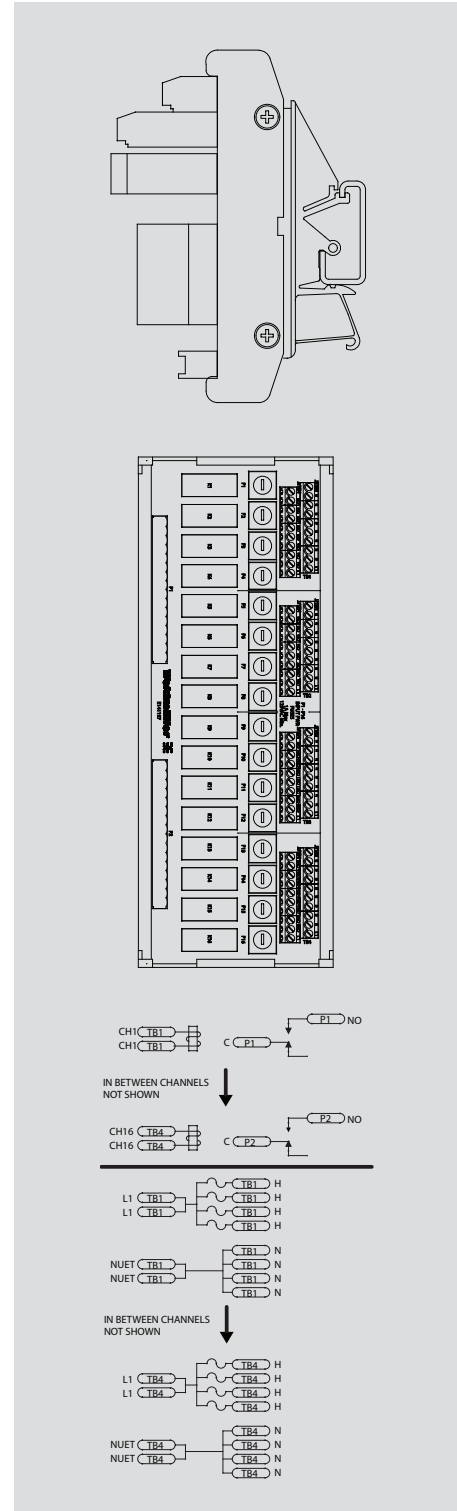
Ordering data

| | |
|------------------|--|
| Screw connection | |
| Note | |

Accessories

| | |
|-----------------|--|
| Optional Cables | |
| Note | |

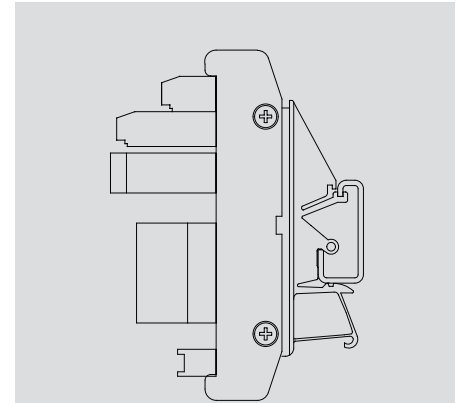
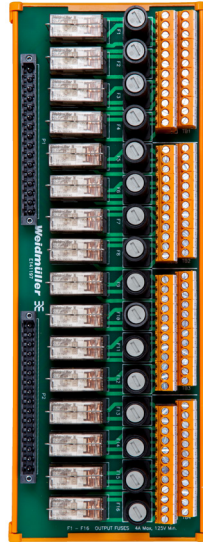
| Model | Qty | Part No. |
|---|------------------------------|------------|
| 16-channel, digital input relay assembly (Field wiring right) | 1 | 6720000760 |
| DWG No. | | |
| a clamshell 32-point to 2 x clamshell 16-point | MS - C32x - C26x - Rxx - xxx | |



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 | |
| 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 | |
| Yes | |
| No | |
| No | |
| No | |
| No | |
| Yes (5x20mm, 4A 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

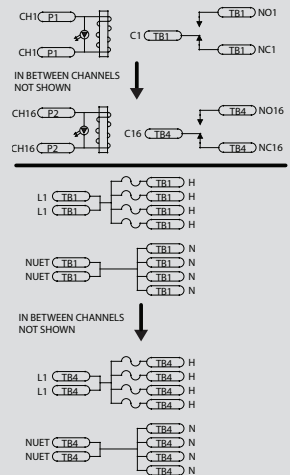
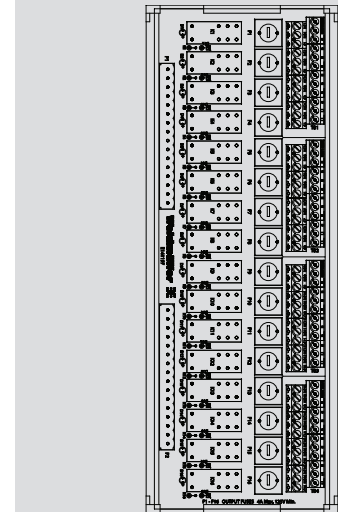
| Screw connection | |
|------------------|--|
| Note | |

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

Accessories

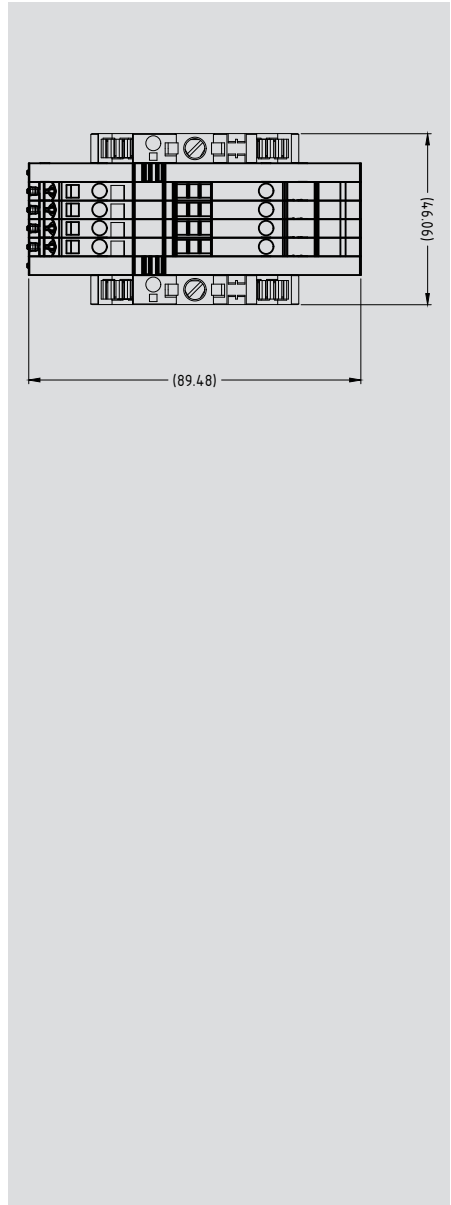
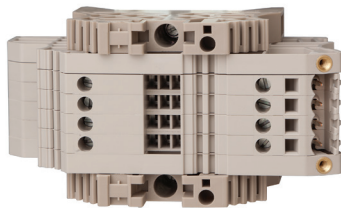
| Optional Cables | |
|-----------------|--|
| Note | |

| 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

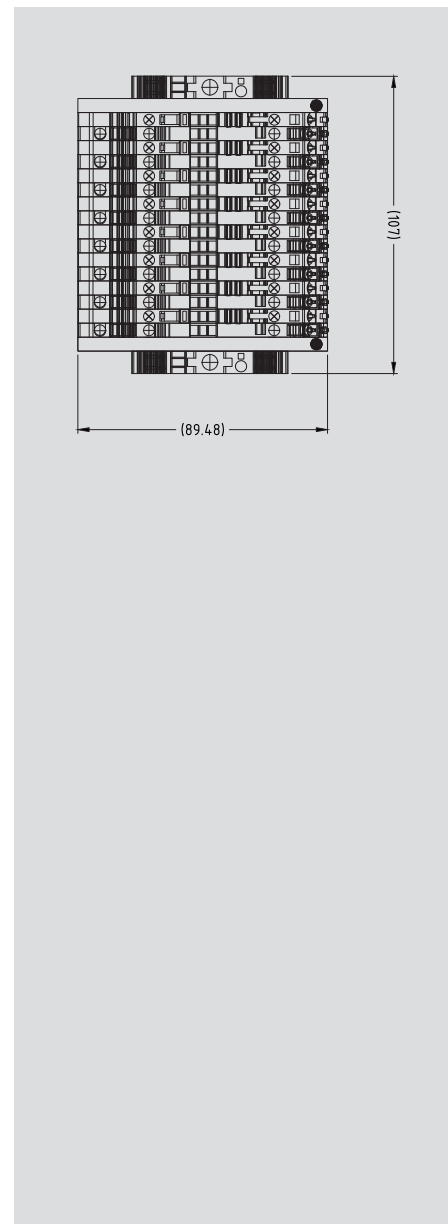
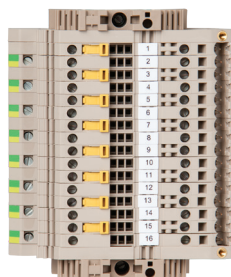
| | |
|---------------------------------------|-----------------------------------|
| Connection data | |
| Process side | Screw connection |
| Type | WMF 2.5 BLZP Terminals |
| Torque | 4.4 in - lbs (0.5 Nm) |
| Control side | Screw connection / Pluggable BLZP |
| Rated data | |
| Rated voltage | 300V |
| 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 | |
| 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 | |
| BLZP Insulation stripping length | |
| Approvals | |
| Standards | |
| Dimensions | |
| Length x width x height (inches / mm) | |
| 8 channel/ 16 terminals | |
| Note | |

| |
|---|
| Screw connection |
| WMF 2.5 BLZP and WMF 2.5 DI BLZP Terminals |
| 4.4 in - lbs (0.5 Nm) |
| Screw connection / Pluggable BLZP |
| 300V |
| 10A |
| - 50°C - +120°C (Thermoplastic) |
| - |
| Yes |
| - |
| - |
| - |
| - |
| - |
| AWG 26 ... 12 |
| 10mm |
| 7mm |
| |
| cURus (E141197) |
| |
| 3.5 x 4.2 x 1.8 / 90 x 107 x 45 |
| Disconnect location shown on drawing |

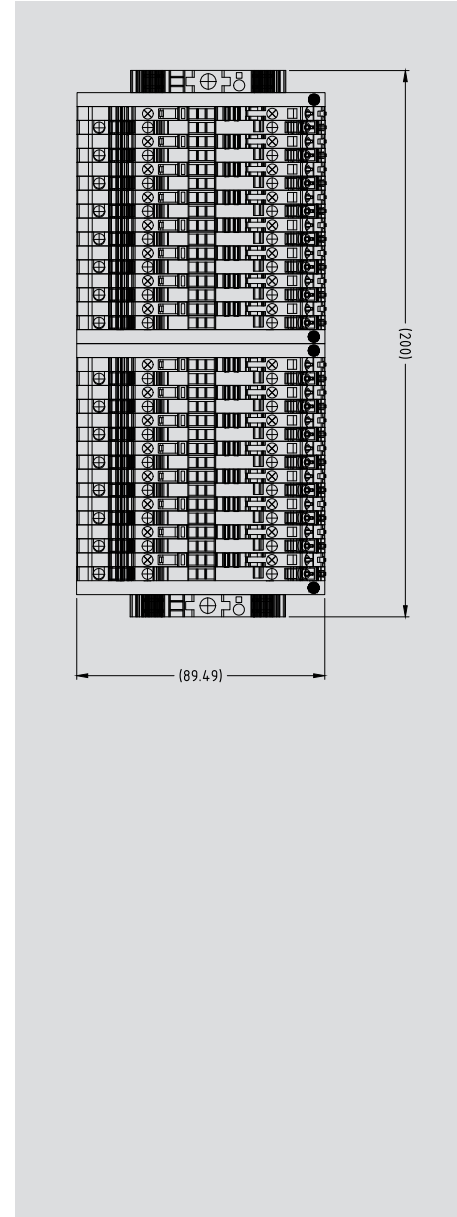
Ordering data

| |
|------|
| Note |
|------|

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

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 |

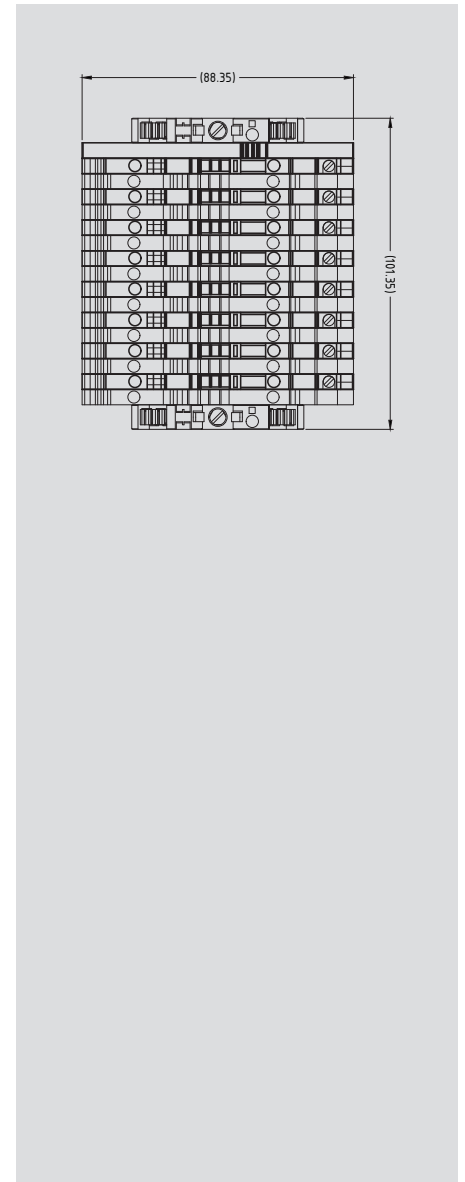
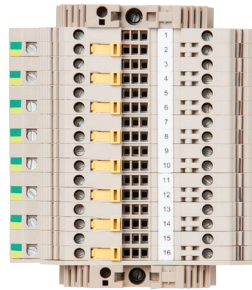
Ordering data

| 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 | Screw connection |
| Type | WMF 2.5 and WMF 2.5 DI PE Terminals |
| Torque | 4.4 in - lbs (0.5Nm) |
| Control side | Screw connection |
| 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 |
| Approvals | |
| Standards | cURus (E141197) |
| Dimensions | |
| Length x width x height (inches / mm) | 3.5 x 4.1 x 1.8 / 89 x 102 x 45 |
| Note | Disconnect location shown on drawing |

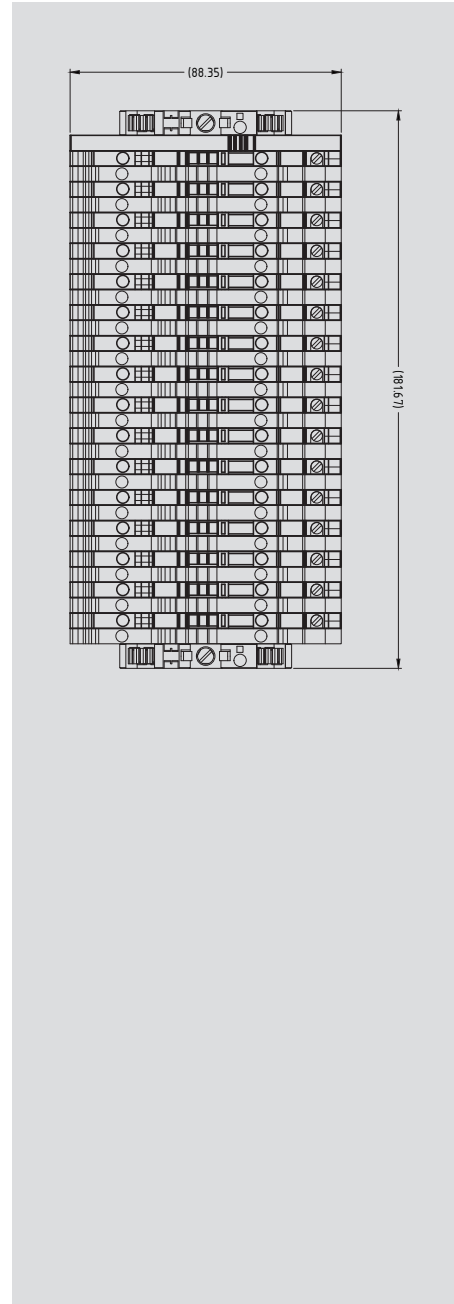
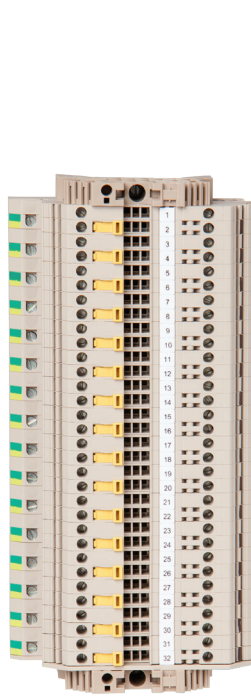
Ordering data

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

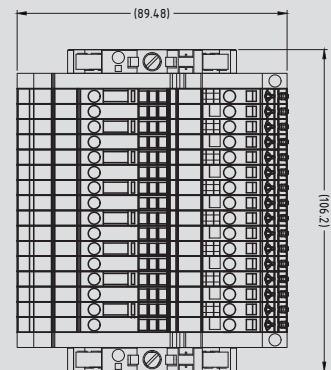


Technical data

| | | |
|---|------------|--------------------------------------|
| 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

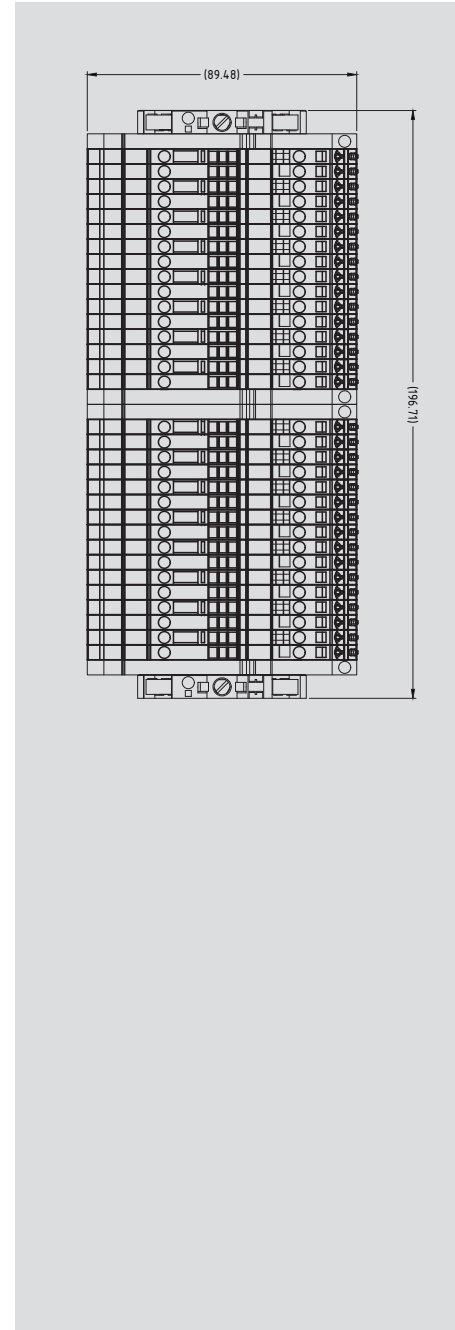
| Connection data | |
|---------------------------------------|--------------------------------------|
| Process side | Screw connection |
| Type | WMF 2.5 BLZP and WMF 2.5 DI BLZP |
| Torque | 4.4 in - lbs (0.5Nm) |
| Control side | Screw connection/Pluggable BLZP |
| Rated data | |
| Rated voltage | 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

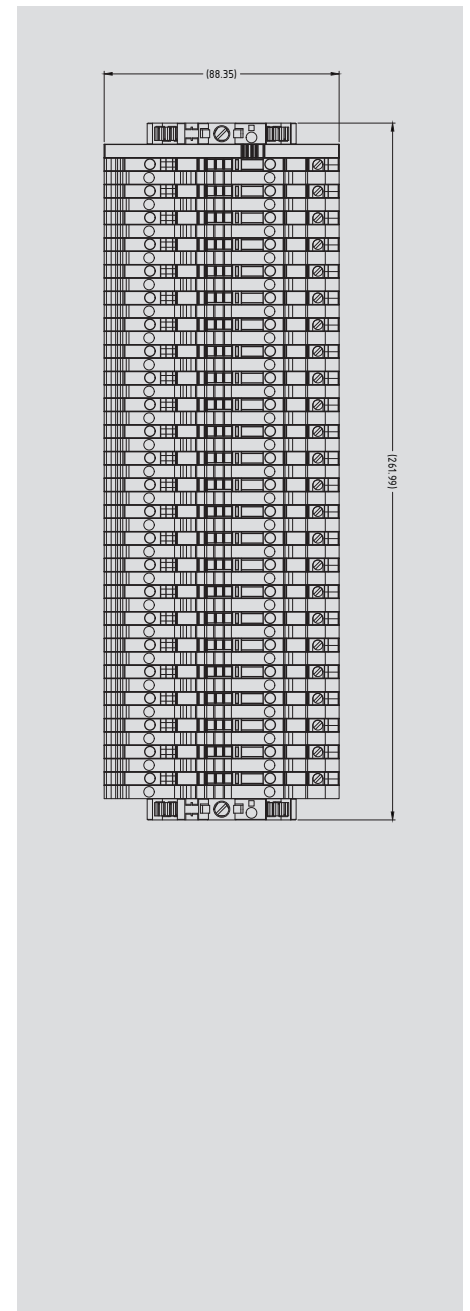
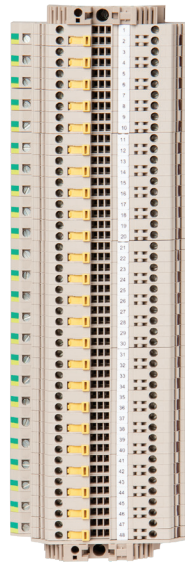
| | |
|---------------------------------------|--------------------------------------|
| Connection data | |
| Process side | Screw connection |
| Type | WMF 2.5 BLZP and WMF 2.5 DI BLZP |
| Torque | 4.4 in - lbs (0.5 Nm) |
| Control side | Screw connection / Pluggable BLZP |
| Rated data | |
| Rated 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

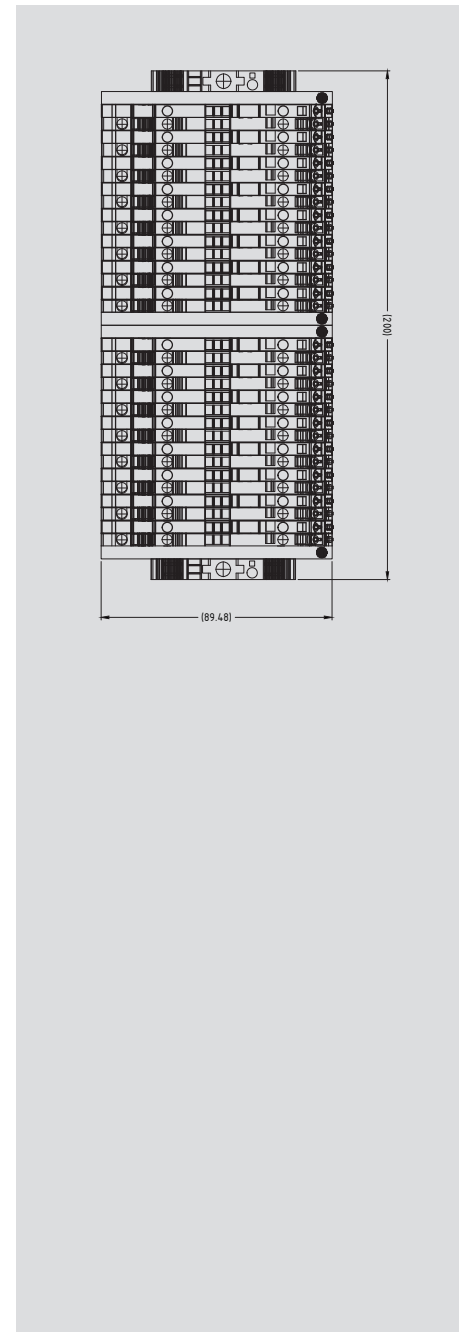


Technical data

| | | |
|--|----------------------------------|-----------------|
| 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 |

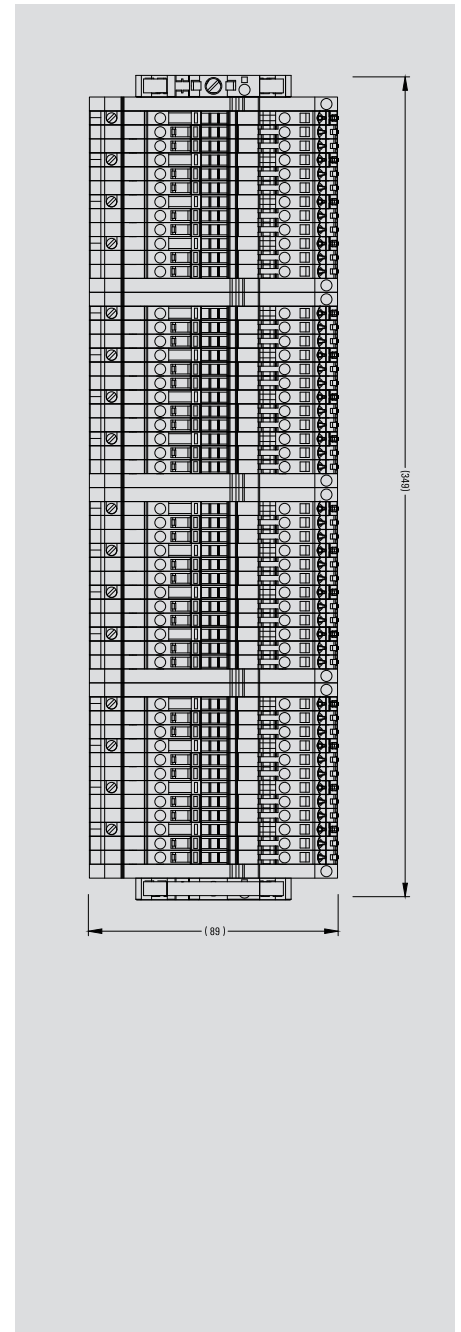
Ordering data

| 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 | |
| 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 | |

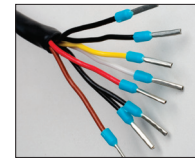
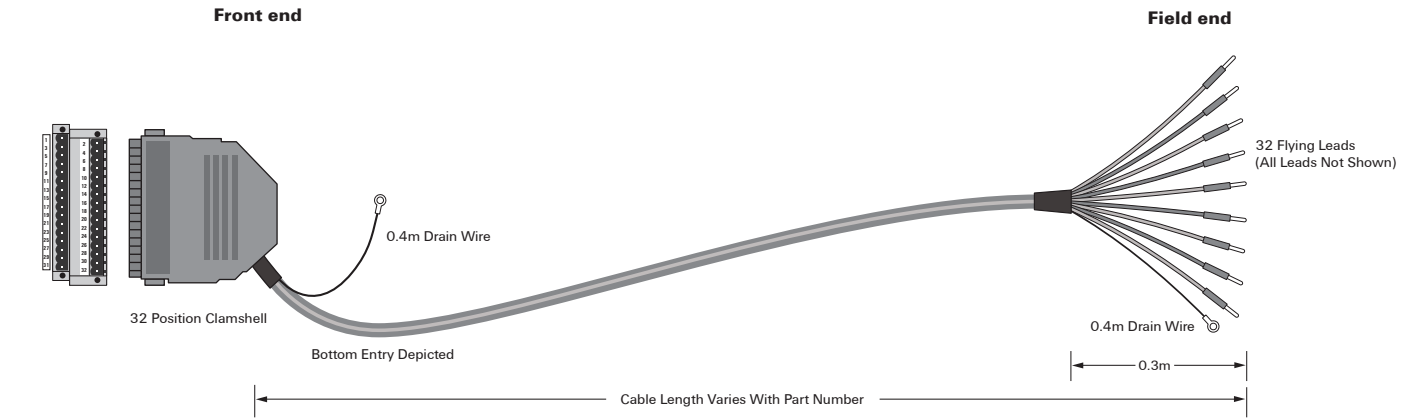
| |
|--|
| Screw connection |
| WMF 2.5 DI BLZP and WMF 2.5 DI BLZP PE Terminals |
| 4.4 in-lbs (0.5Nm) |
| Screw connection |
| 300V |
| UL (D) 10A |
| -50°C to +120°C (Thermoplastic) |
| - |
| Yes |
| - |
| - |
| - |
| - |
| - |
| AWG 26 ...12 |
| 10mm |
| cURus (E141197) |
| 3.5 x 13.8 x 1.8 / 89 x 349 x 45 |
| Disconnect location shown on drawing |

Ordering data

| |
|------|
| Note |
|------|

| Model | Qty | Part No. |
|--|-----|------------|
| 16-Channel WMF Standard; Screw connection | 1 | 6760006318 |
| With PE Rail connection | | |

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.

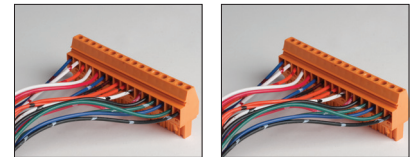
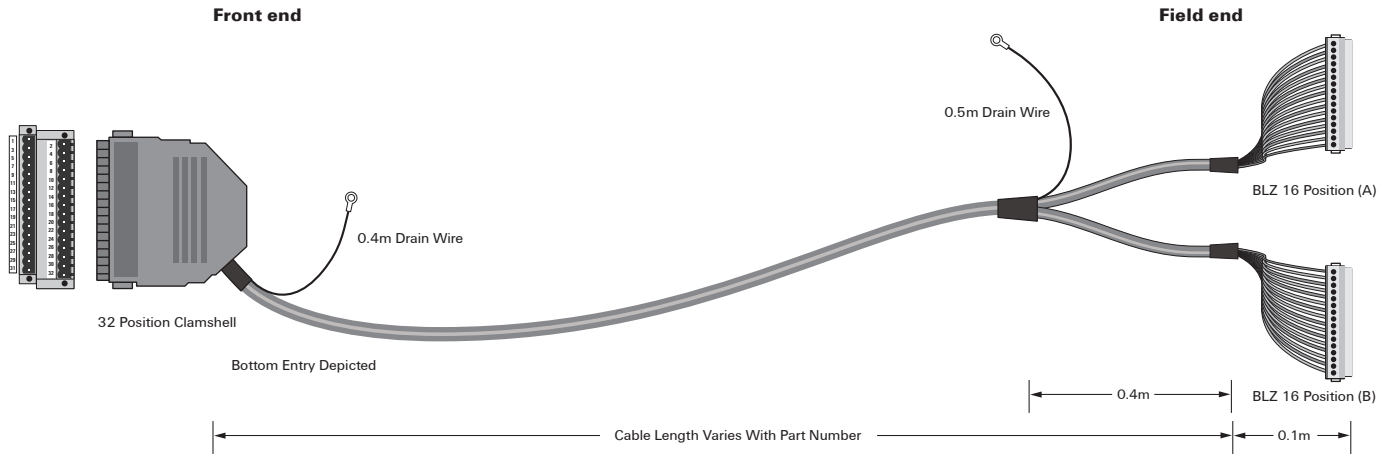
Additional Information

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)

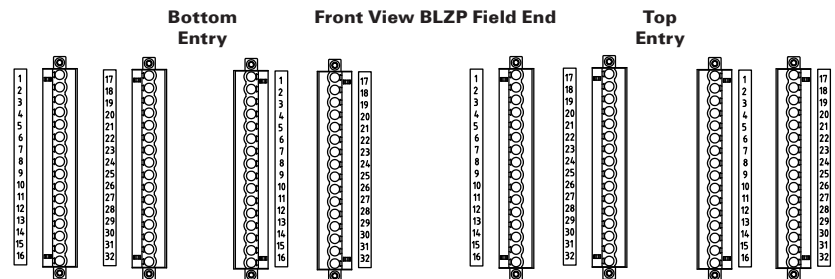
| PIN # | Insulation Color | PIN # | Insulation Color |
|-------|----------------------|-------|----------------------|
| 1 | BLACK | 2 | BLACK / WHITE |
| 3 | BLACK / RED | 4 | BLACK / RED / WHITE |
| 5 | BLACK / RED / VIOLET | 6 | WHITE |
| 7 | WHITE / RED | 8 | WHITE / BLACK |
| 9 | WHITE / RED / 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.

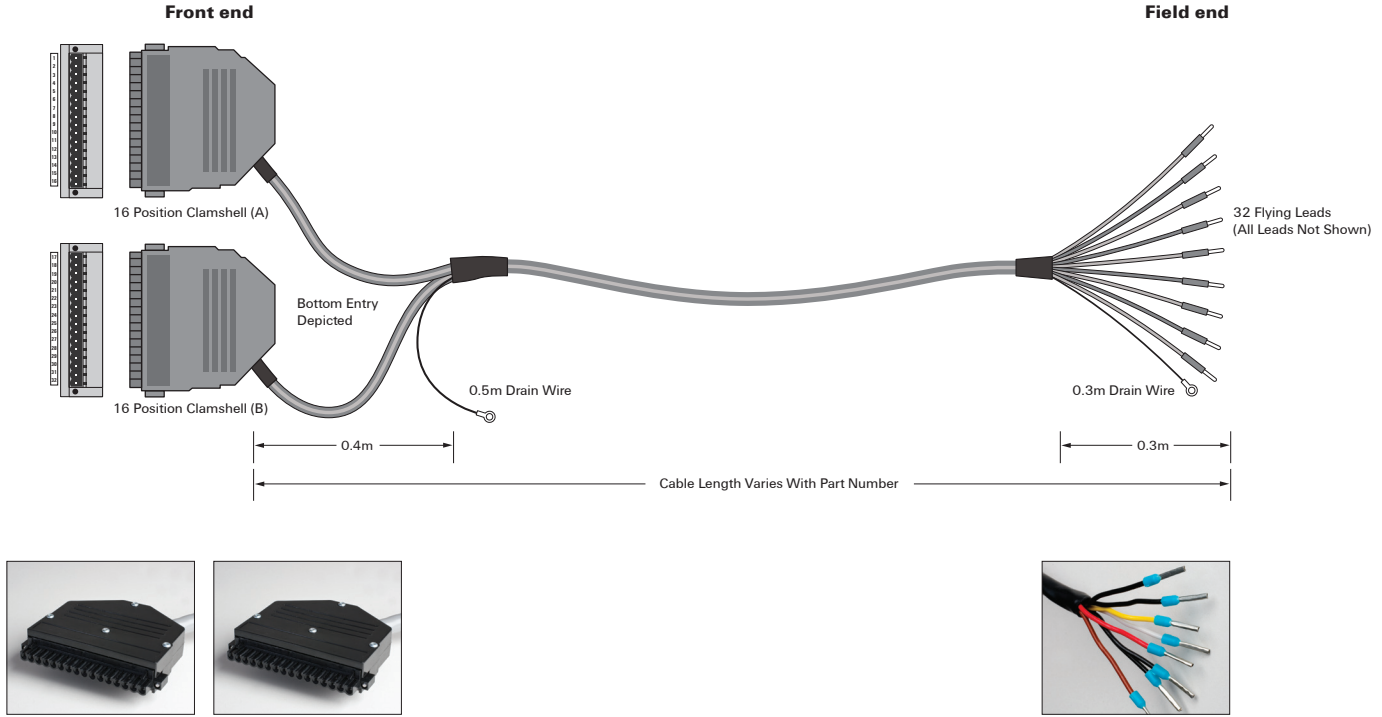
Additional cable lengths available.
Contact your Weidmuller Sales Representative.



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.

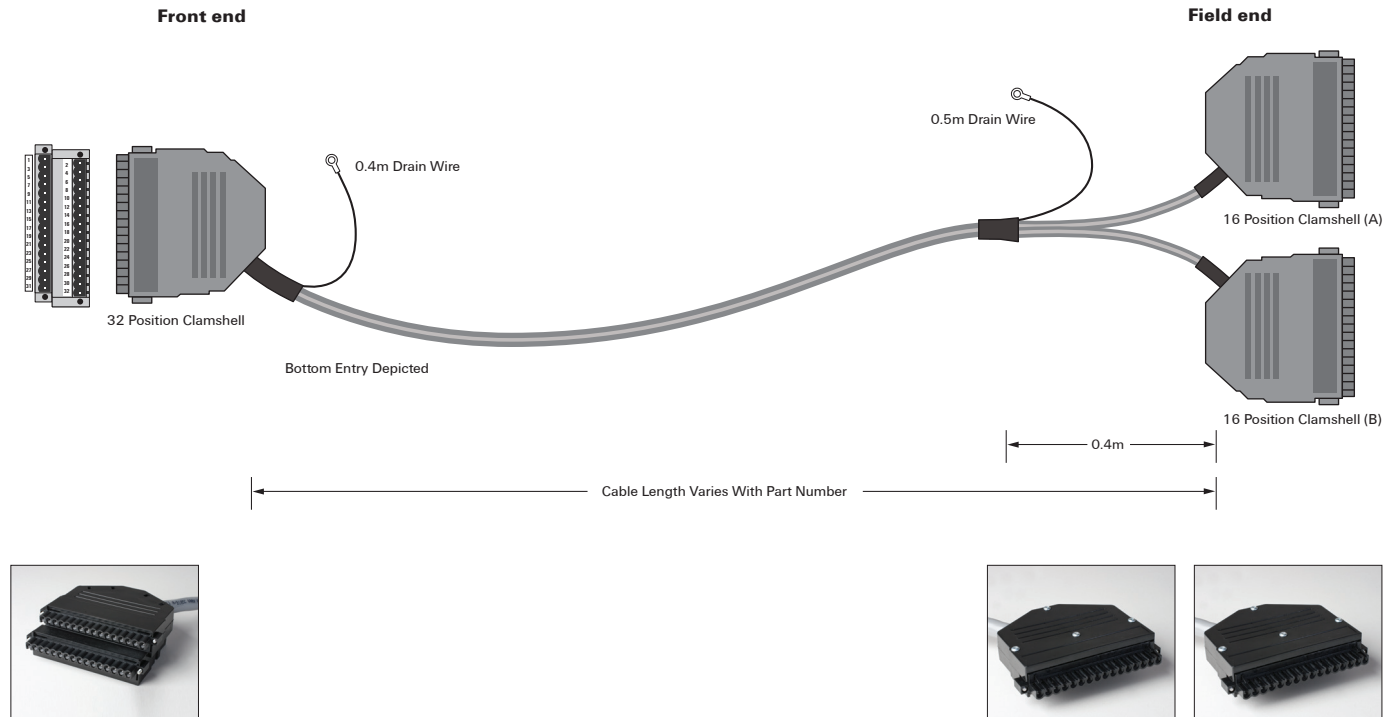
Additional Information

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 |

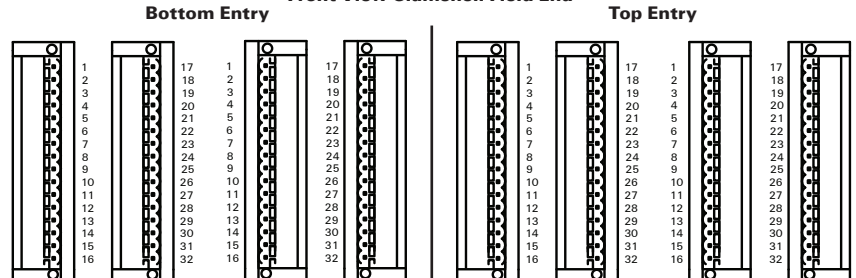
16 Position Connector CLAMSHELL (B)

| 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

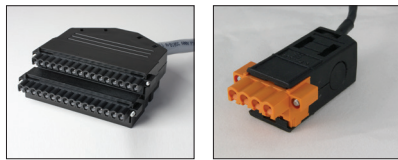
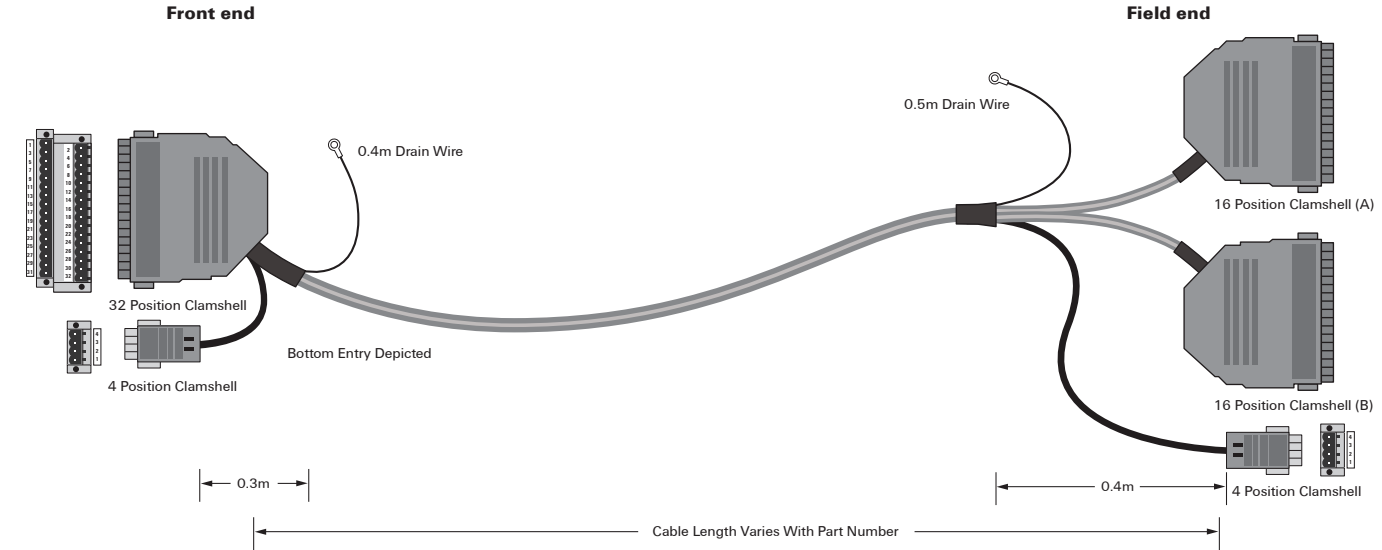


Additional Information

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 |

4 Position Connector CLAMSHELL

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

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 CLAMSHELL Connector

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

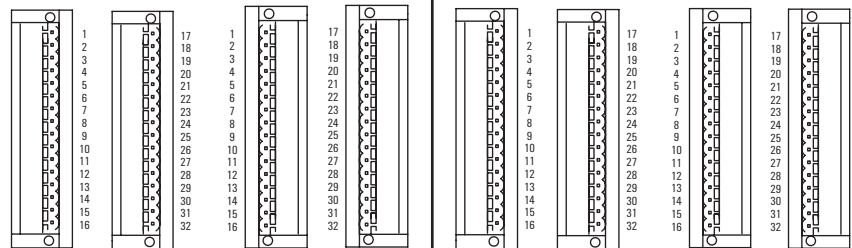
See Specification Tables starting on page 48.

Additional cable lengths available. Contact your Weidmuller Sales Representative.

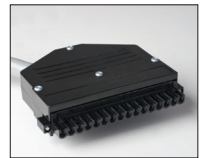
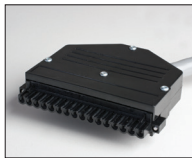
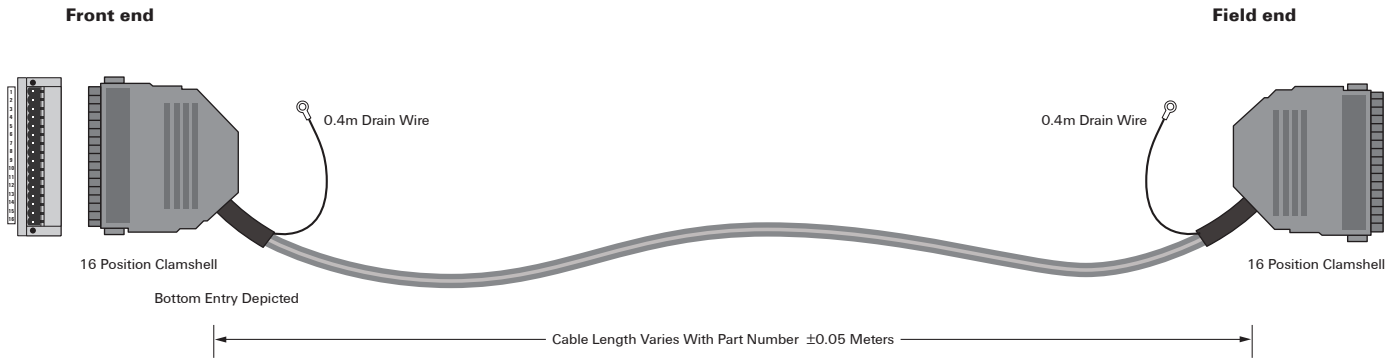
Additional Information

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)

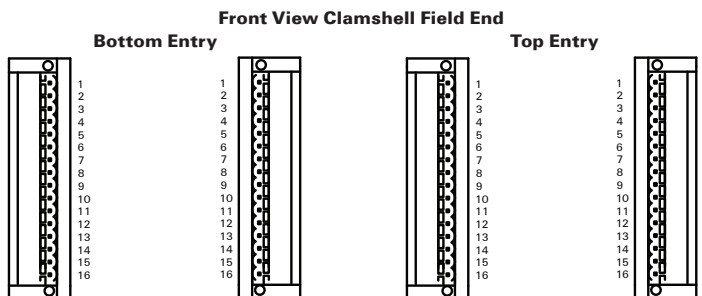
| PIN # | Insulation Color | PIN # | Insulation Color |
|-------|----------------------|-------|----------------------|
| 1 | BLACK | 2 | BLACK / WHITE |
| 3 | BLACK / RED | 4 | BLACK / RED / WHITE |
| 5 | BLACK / RED / VIOLET | 6 | WHITE |
| 7 | WHITE / RED | 8 | WHITE / BLACK |
| 9 | WHITE / RED / 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.

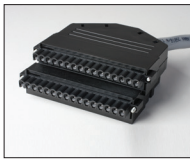
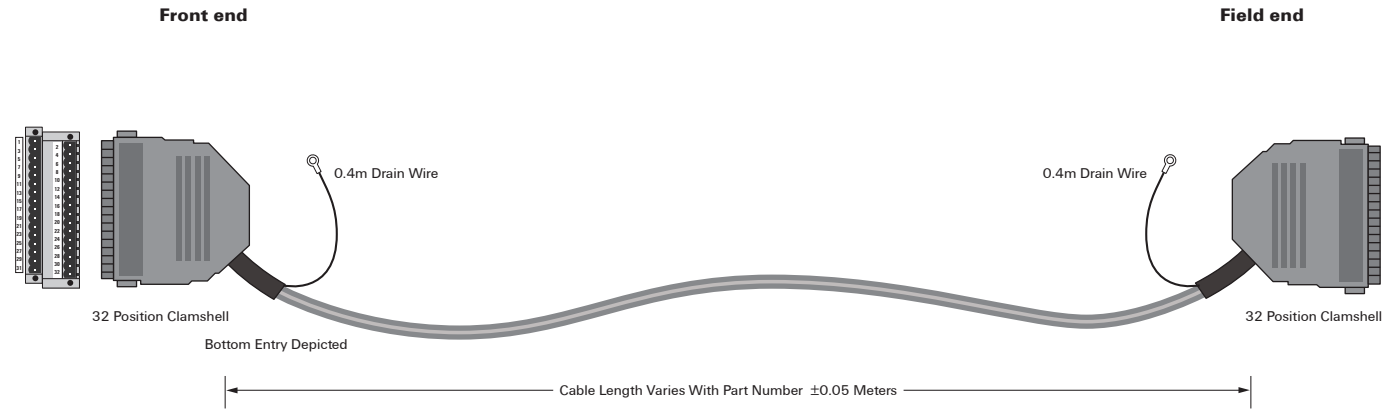


Additional Information

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 |

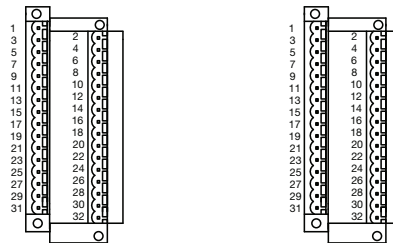
32 Position CLAMSHELL Connector

| 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

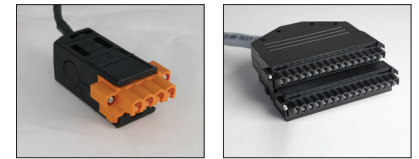
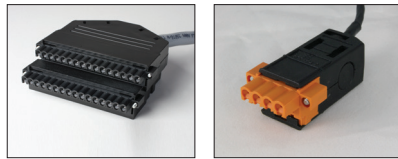
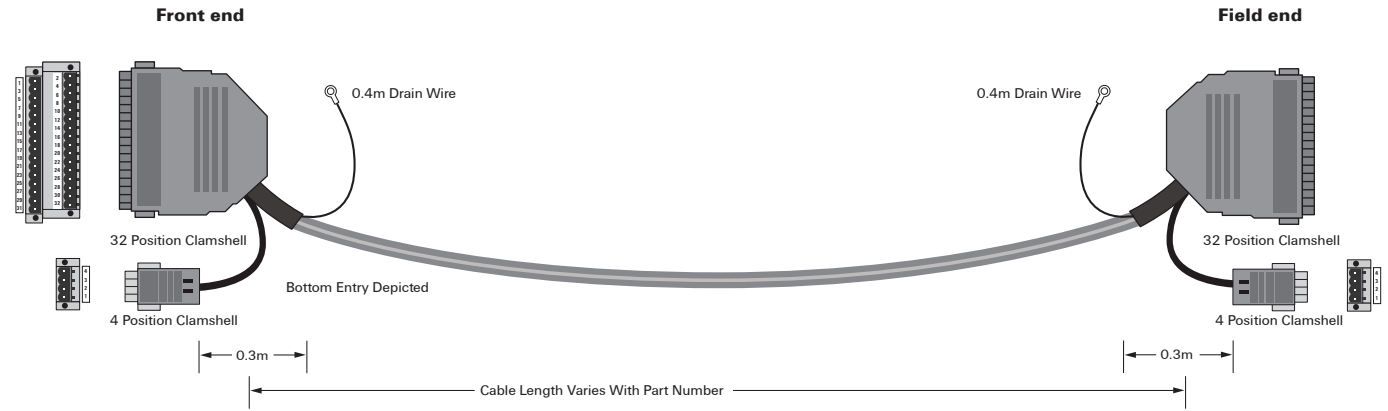


Additional Information

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 |

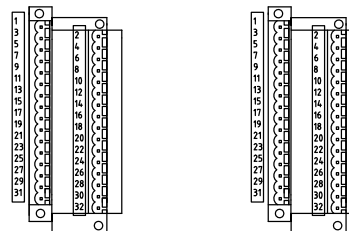
See Specification Tables starting on page 48.

Additional cable lengths available.
Contact your Weidmuller Sales Representative.

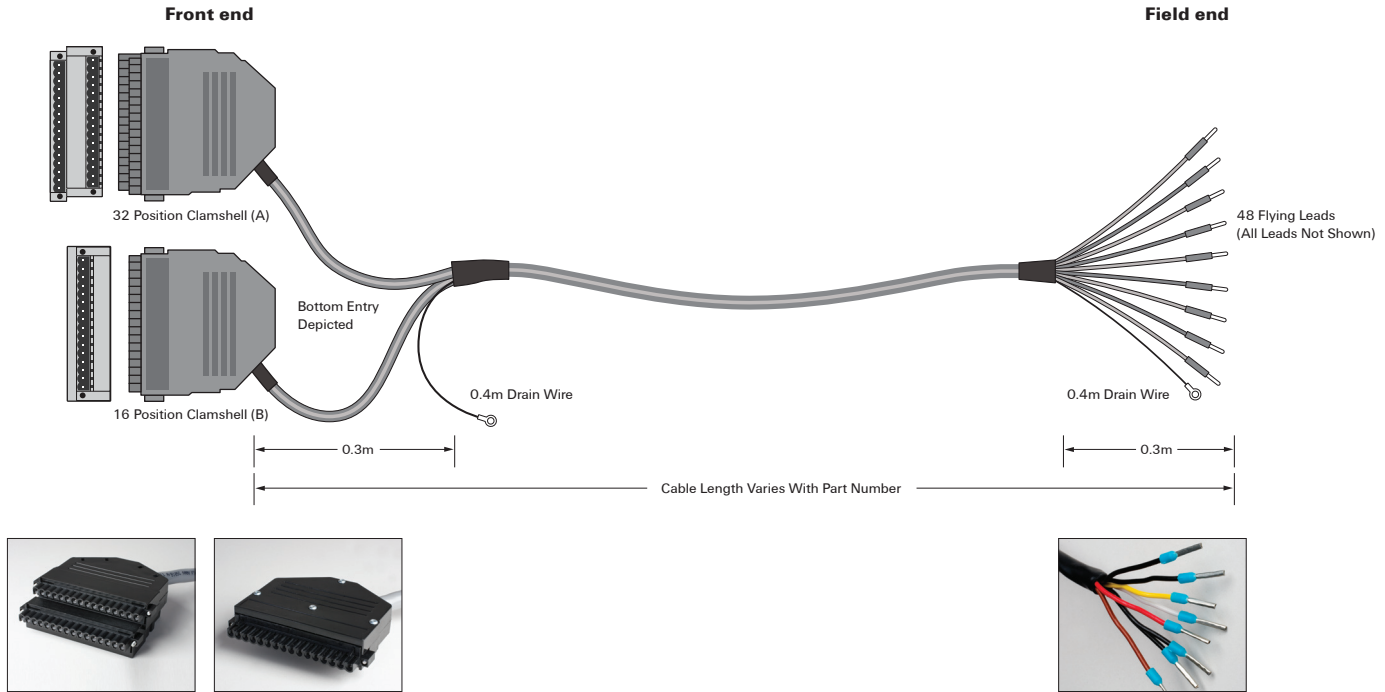
Additional Information

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.

Front View Clamshell Field End



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

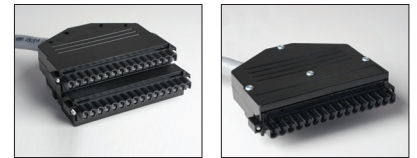
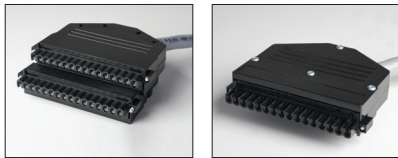
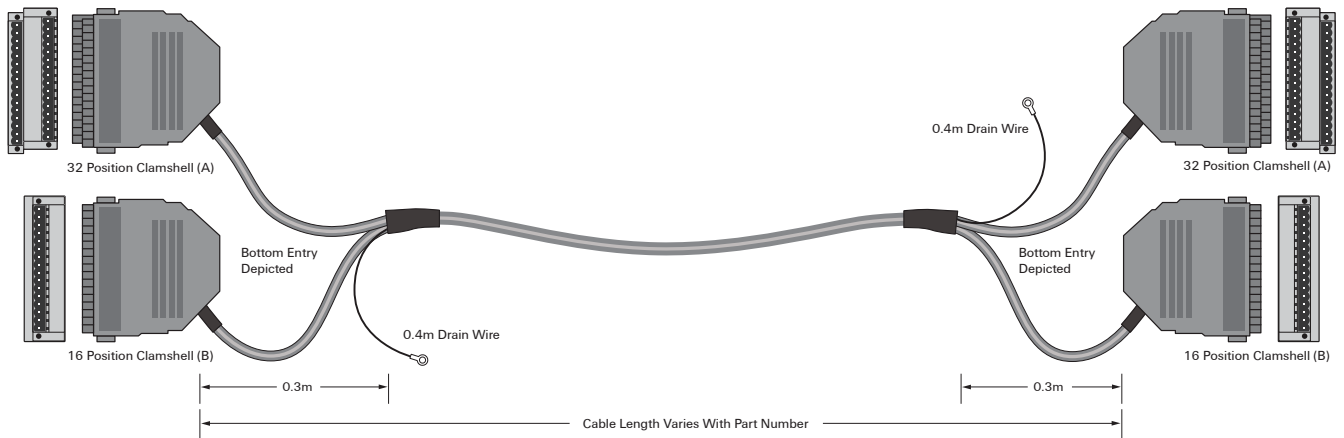
Use cable drawing MS-C48xxx-xFLXxx-xxx-xxx.

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 | | | 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 | - | - | - |
| 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 | | | 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 | - | - | - |
| 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.

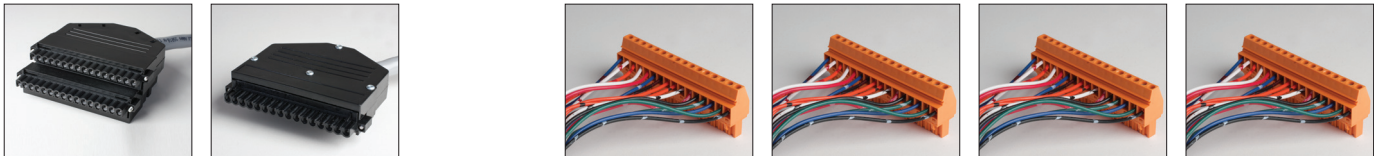
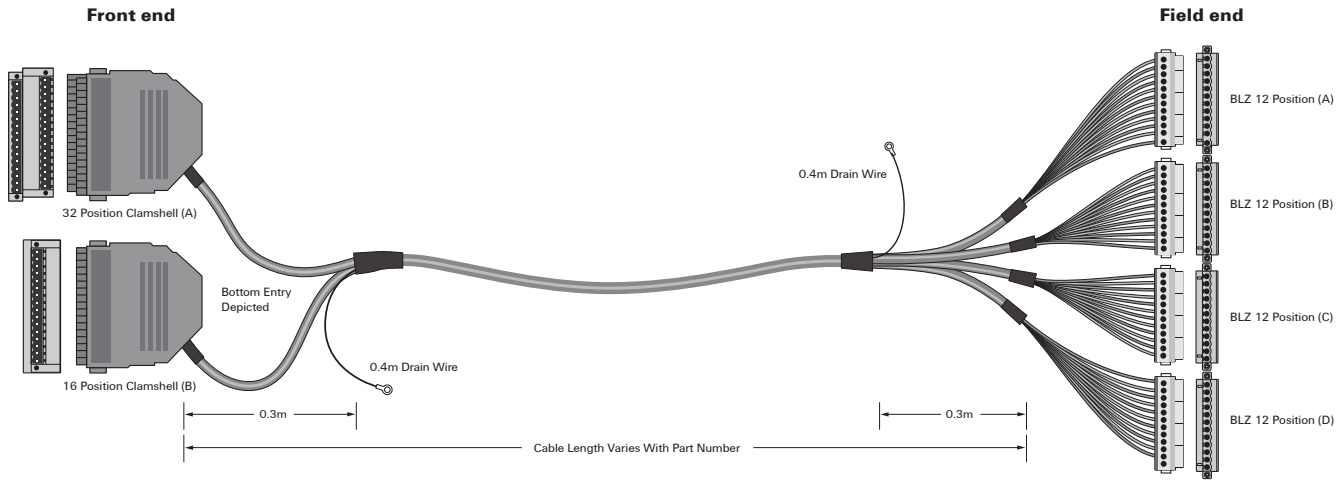
Additional cable lengths available. Contact your Weidmuller Sales Representative.

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 | | 32 Position CLAMSHELL (A) | 16 Position CLAMSHELL (B) |
|------------------|--------------------------|------------------------------|------------------------------|
| 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 |

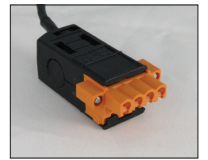
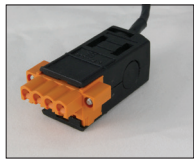
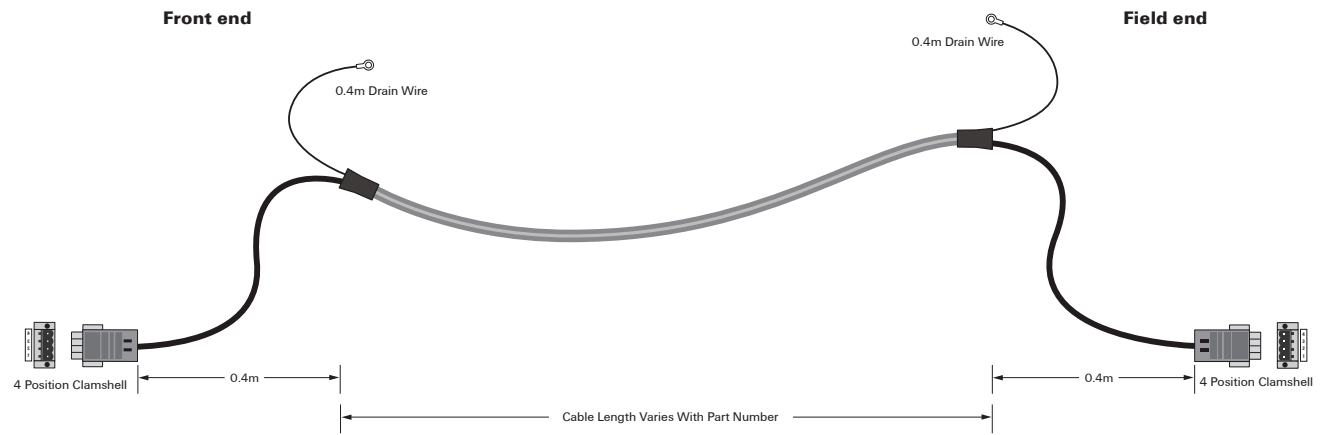
| Data Guide TRIAD | | | | | |
|------------------|--------------------------|----------|----------|----------|----------|
| PAIR | Insulation Color | BLZP (A) | BLZP (B) | BLZP (C) | BLZP (D) |
| 1 | BLACK | 1 | - | - | - |
| 1 | BLACK / WHITE | 2 | - | - | - |
| 1 | BLACK / YELLOW | 16 | - | - | - |
| 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

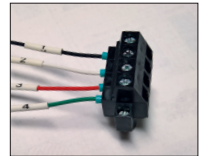
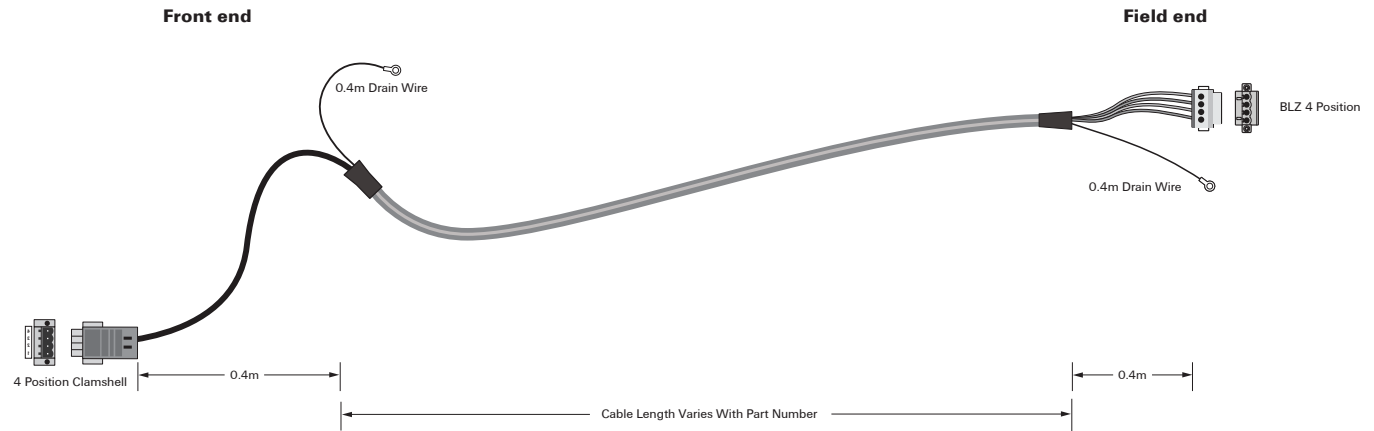
| PIN # | Insulation Color |
|-------|--------------------------|
| 1 | See Specification Tables |
| 2 | for 22AWG and 18AWG |
| 3 | Color Codes |
| 4 | |

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 | |

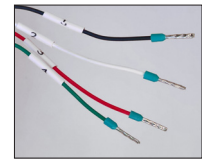
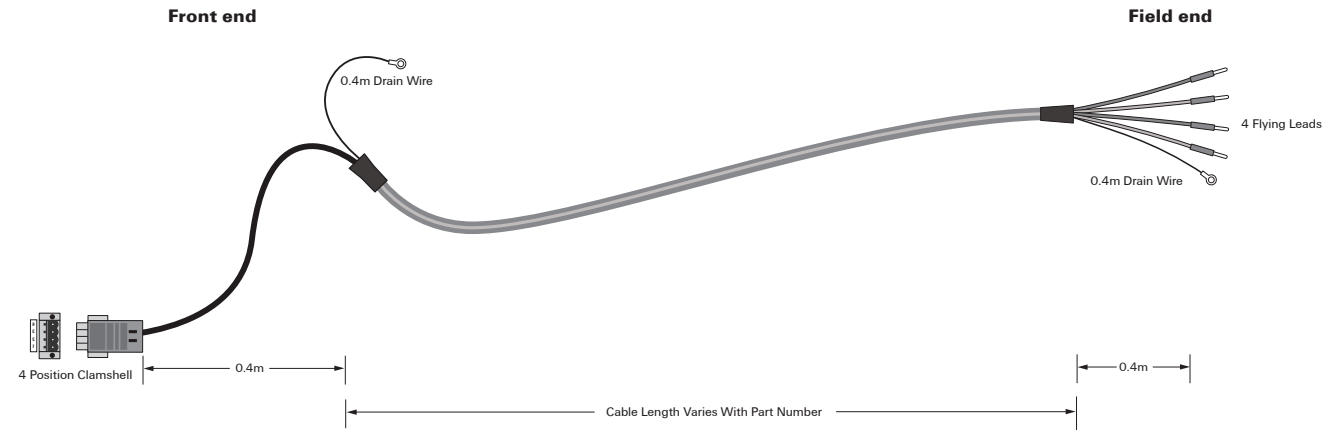
See Specification Tables starting on page 48.

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

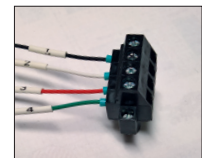
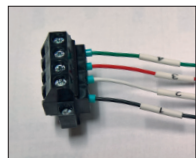
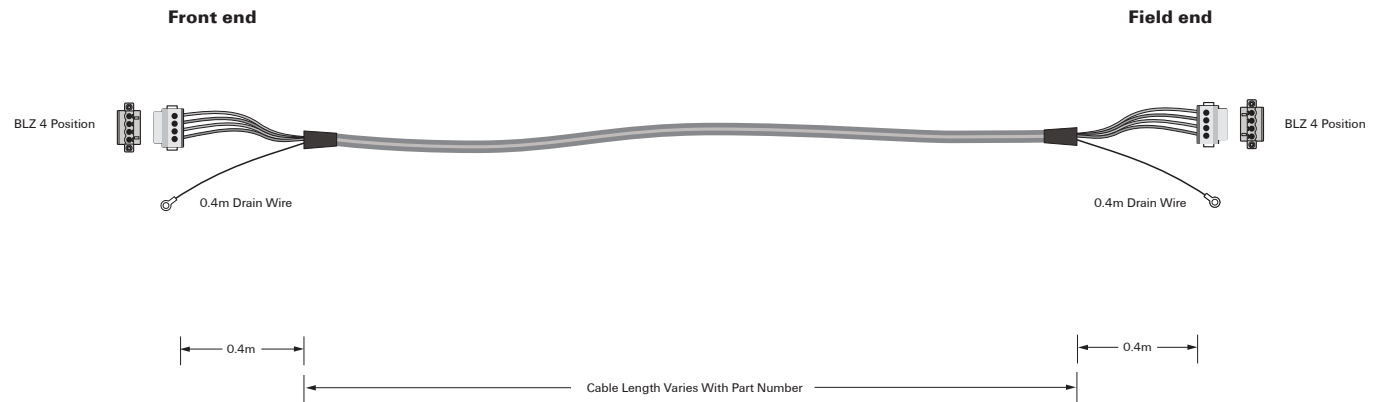
| PIN # | Insulation Color |
|-------|--------------------------|
| 1 | See Specification Tables |
| 2 | for 22 AWG and 18 AWG |
| 3 | Color Codes |
| 4 | |

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 | |

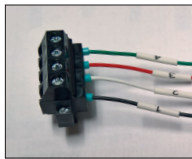
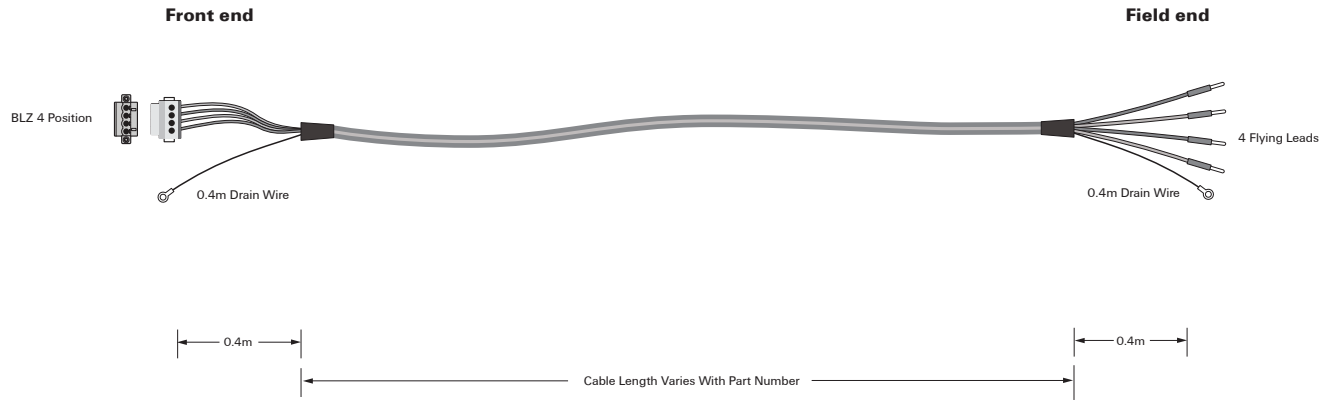
See Specification Table on page 53.

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

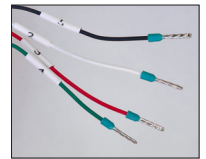


4 Position BLZP Connector

| 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 |
| Cable Identification | Finished Cable Diameter: .425" Nominal |
| | Type: Surface Print on Jacket |
| Mechanical | Ink Color: Black |
| | Legend: "8PR 18A E90298  TYPE CM 105C OR AWM 2464 80C 300V VW-1 - LL91737 CSA TYPE CMG 105C FT4 - CE ROHS" |
| | 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 |
| 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

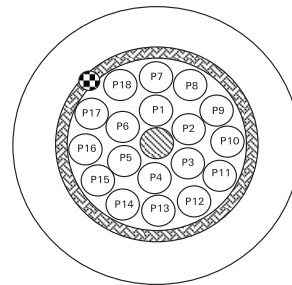
| Pair | Color | Pair | Color |
|------|------------------------------------|------|--|
| 1 | Black & Black/White | 10 | Blue/Red & Blue/Black |
| 2 | Black/Red & Black/Red/White | 11 | Blue/White/Black & Purple |
| 3 | Black/Red/Purple & White | 12 | Purple/White & Purple/Black |
| 4 | White/Red & White/Black | 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

| Revision | 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

| Revision | 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 |
| Braid | Drain: 22 AWG 7 Strand Tinned Copper over Foil Shield |
| | 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 |
|---|---------|----|-----------------|

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 |
| Jacket | Drain: 18 AWG 16 Strand Tinned Copper over Foil Shield |
| | 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 |
|---|---------|----|-----------------|

**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: | VJD |

Color Code

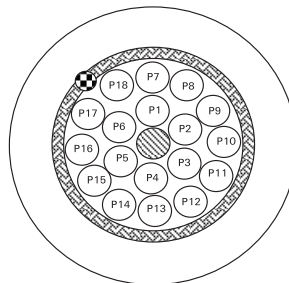
| Pair | Color |
|------|--|
| 1 | Black & Black/White |
| 2 | Black/Red & Black/Red/White |
| 3 | Black/Red/Violet & White |
| 4 | White/Red & White/Black |
| 5 | White/Red/Black & White/Red/Violet |
| 6 | Red & Red/White |
| 7 | Red/Black & Red/Violet |
| 8 | Red/White/Black & Red/Black/Violet |
| 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 |



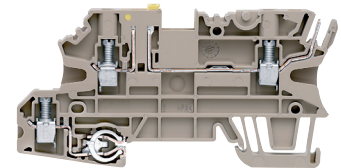
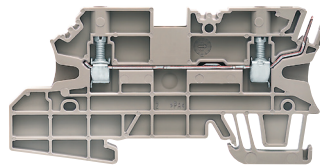
Multi-functional terminals

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/mm ² |
| Max. clamping range | mm ² |

| | |
|-----------------|----------|
| 5.08 x 87 x 45 | BLZ 5.08 |
| 26 / 4 | |
| 0.05...4 | |

| | |
|-----------------|----------|
| 5.08 x 87 x 45 | BLZ 5.08 |
| 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 |
| 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 |
| 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 |



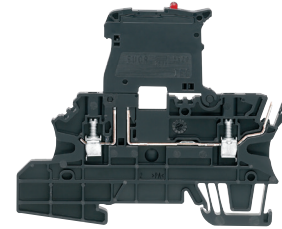
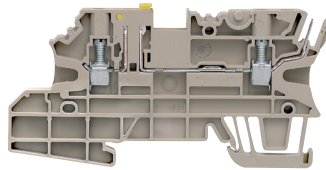
Multi-functional terminals

WMF 2.5 DI BLZP

2.5 mm²

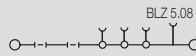
WMF 2.5 FU BLZP

2.5 mm²

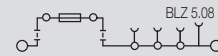


Width/Length/height with TS35x7.5 mm
 max. current / max. cond. cross-section A/mm²
 Max. clamping range mm²

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 |
| Note | | |
| 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 | |
| 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

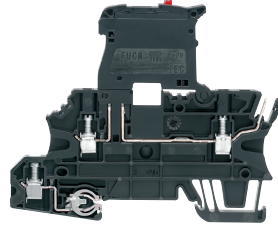
| Version | |
|-----------------------------|--|
| Dark beige Wemid | |
| Blue Wemid | |
| Black Wemid | |
| 10 - 36 V AC/DC, with LED | |
| 30 - 70 V AC/DC, with LED | |
| 60 - 15 V AC/DC, with LED | |
| 100 - 250 V AC/DC, with LED | |
| Note | |

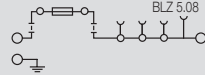
Accessories

| 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 | | |

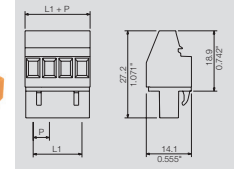
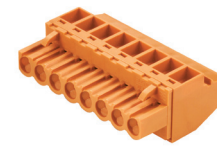
| Type | Qty. | Part No. |
|--|------|------------|
| WMF 2.5 FU BLZP PE SW | 50 | 1162820000 |
| WMF 2.5 FU BLZP PE 10-36V SW | 50 | 1162830000 |
| WMF 2.5 FU BLZP PE 30-70V SW | 50 | 1162840000 |
| WMF 2.5 FU BLZP PE 60-150V SW | 50 | 1162850000 |
| WMF 2.5 FU BLZP PE 100-250V SW | 50 | 1162860000 |
| 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 | 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 |
| 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

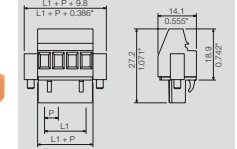


Ordering data

| Pitch 5.08 mm | | Color of plastic | | Orange | Black |
|---------------|---------------|------------------|------------|------------|----------|
| Poles | L1 mm (inch) | Qty. | Part No. | Part No. | Part No. |
| 2 | 5.08 (0.200) | 180 | 1948000000 | 1948240000 | |
| 4 | 15.24 (0.600) | 90 | 1948020000 | 1948260000 | |
| 8 | 35.56 (1.400) | 42 | 1948060000 | 1948300000 | |
| 12 | 55.88 (2.200) | 30 | 1948110000 | 1948340000 | |
| 16 | 76.20 (3.000) | 18 | 1948150000 | 1948380000 | |

BLZPP 5.08/90F

With screw flange



Ordering data

| Pitch 5.08 mm | | Color of plastic | | Orange | Black |
|---------------|---------------|------------------|------------|------------|----------|
| Poles | L1 mm (inch) | Qty. | Part No. | Part No. | Part No. |
| 2 | 5.08 (0.200) | 90 | 1949800000 | 1950040000 | |
| 4 | 15.24 (0.600) | 60 | 1949820000 | 1950060000 | |
| 8 | 35.56 (1.400) | 36 | 1949860000 | 1950100000 | |
| 12 | 55.88 (2.200) | 24 | 1949900000 | 1950140000 | |
| 16 | 76.20 (3.000) | 18 | 1949940000 | 1950180000 | |

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 |

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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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