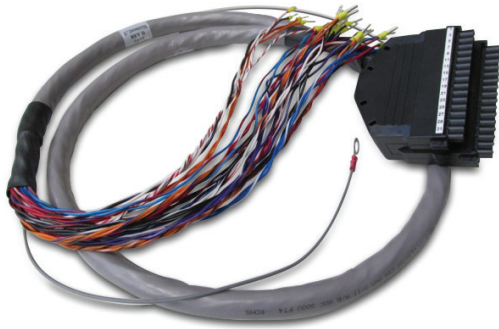


Datasheet

Marshalling Solutions for Control Systems



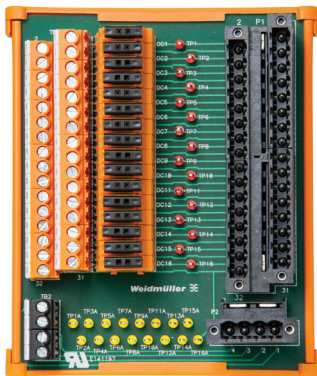
Weidmuller has created a complete system of field wiring termination and control system marshalling for Distributed Control Systems (DCS) or Programmable Logic Controller (PLC). This system is comprised of modular components or assemblies that allow for fast, error-free connection of field devices and 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
- Blunt flying leads
- Ring Lug leads
- Tinned flying leads
- Pluggable 5.08mm connectors (BLZ)
- 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:

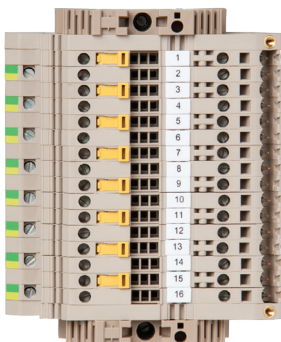
- 8, 16, 24, 48 channel versions
- Field wiring left or right versions
- Screw termination or tension clamp connections
- LED status indication
- Channel disconnects
- Versions with or without test points.0

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

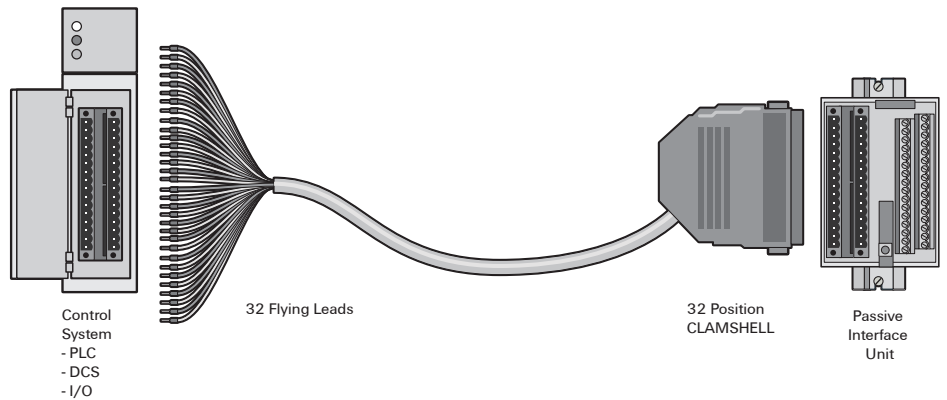


Using these modular components, almost any combination of discrete or analog signals can be marshalled or wired, regardless of the DCS or PLC used.

Typical Application Configurations

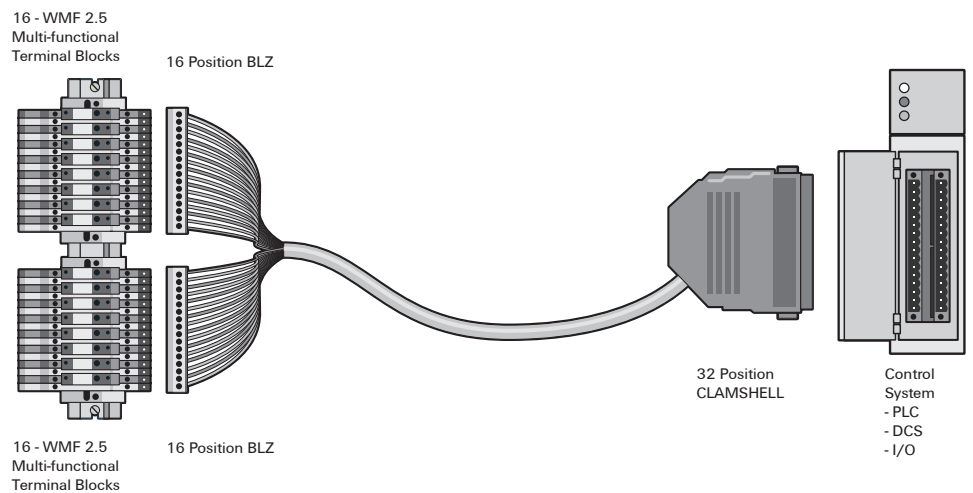
This marshalling solution has a 32-conductor cable with ferruled flying leads on one end for easy connection to the front panel of the controller. The field end has a 32 position Clamshell 5.08mm BLZ connector that can easily plug into a Weidmuller 32 pole interface board.

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



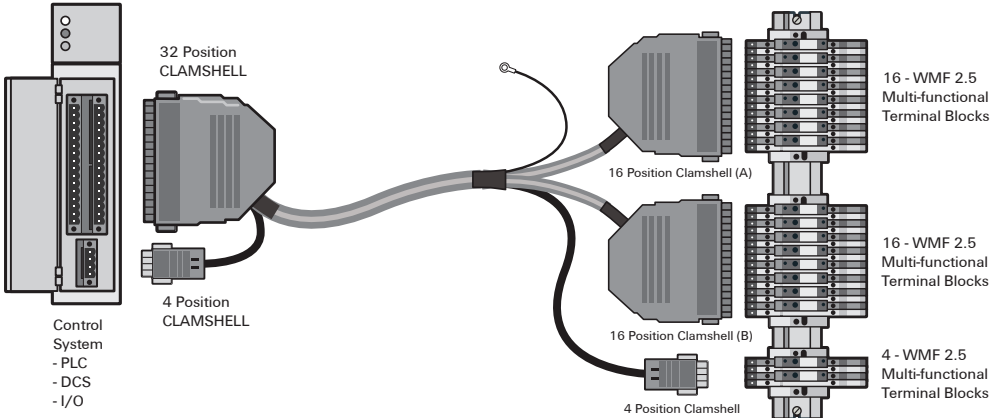
Marshalling is made easy with a 32 position Clamshell 5.08mm BLZ connector for connection on the DCS, along with two-16 pole BLZ 5.08 connectors on the field end for a strong connection to the Weidmuller WMF terminal block grouping.

- Reduced termination time
- Color coded conductors



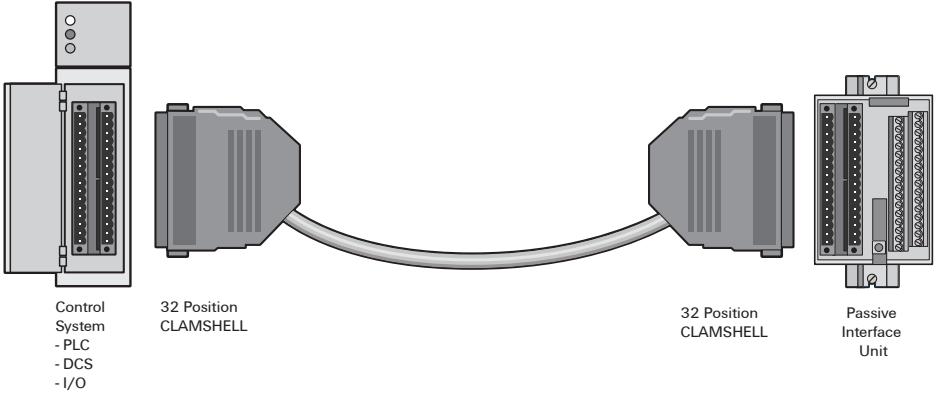
This cable is a 36 conductor cable with a 32 position Clamshell 5.08mm BLZ connector for easy connection on the DCS side along with a 4 pole break out for separated potential connections. On the field side we have two-16 pole Clamshell 5.08mm connectors and a 4-pole connector separate. These connectors provide connection to the Weidmuller WMF terminal block grouping.

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



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

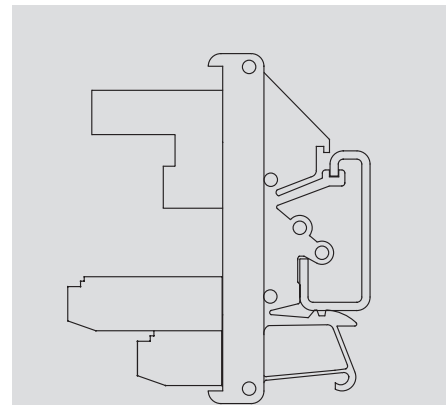
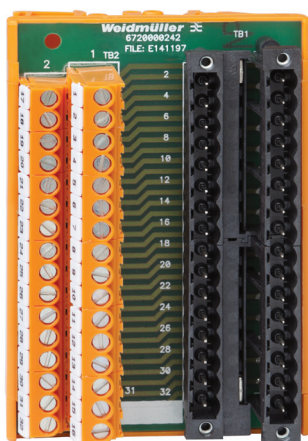
- Quick termination
- Reduced install time
- Keyed connectors to reduce potential wiring errors



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)

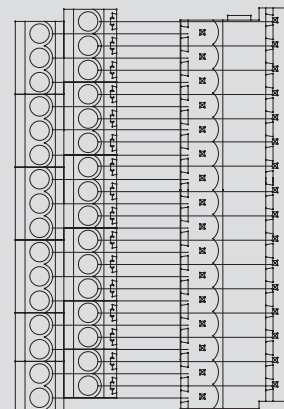
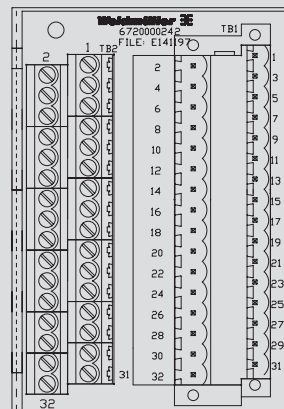
32 pole, feed through interface module (Field wiring left)



Technical data

Connection data	
Process side	
Type	
Torque	
Control side	
Type	
Rated data	
Rated voltage	
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
LP2N 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 (UL File E141197; Ref. RS-XXX)
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	672000242

Accessories

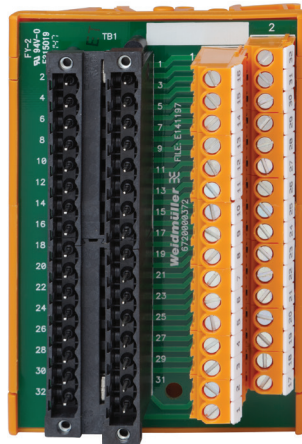
Optional Cable	
Note	

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	
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	

Connection data	
Screw connection	
LP2N terminal	
4.4. in-lbs (0.5Nm)	
Plug connection	
CLAMSHELL SLD 32-Pole	
Rated data	
250V	
5A	
0°C to +50°C	
0°C to +50°C	
General Features	
No	
No	
No	
No	
No	
No	
Terminal wire size	
AWG 26 ...12	
Approvals	
cURus (UL File E141197; Ref. RS-XXX)	
Dimensions	
4.0 x 2.8 x 2.6 / 101.6 x 71.1 x 66	
Note	

Ordering data

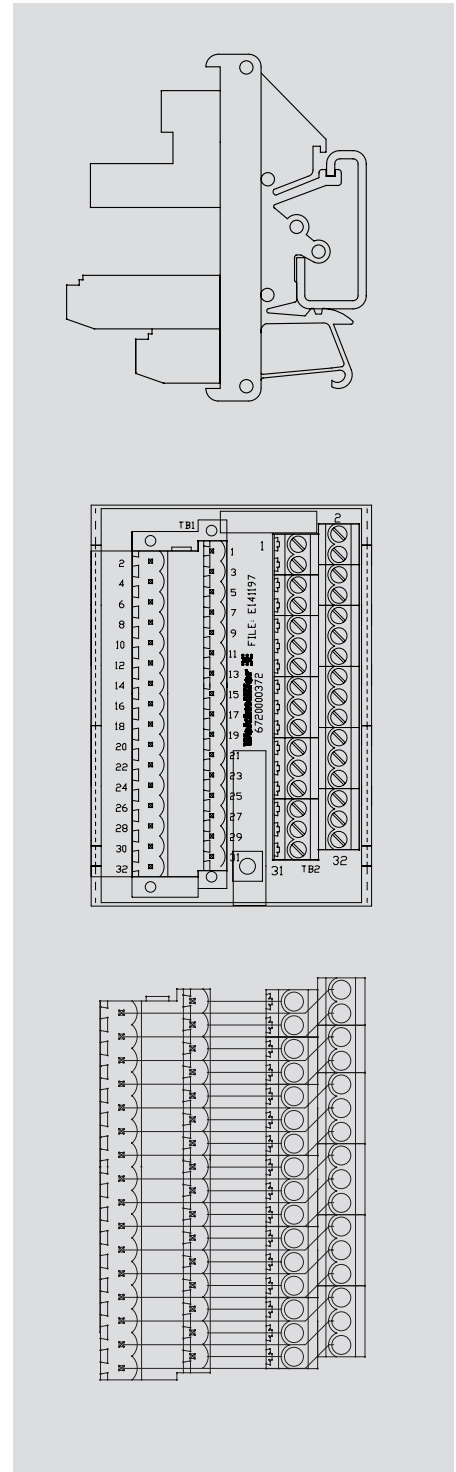
Model	
Screw connection	
Note	

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

Accessories

Optional Cable	
Note	

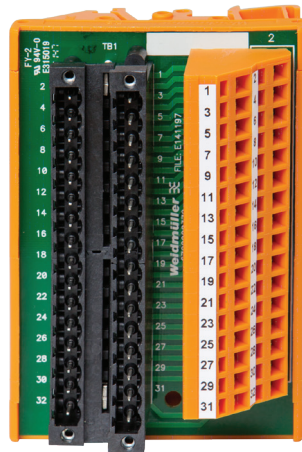
DWG No.	
a clamshell 32-pole to clamshell 32-pole	MS - C32x - C32x - Lxx - xxx
Required quantity based on Honeywell IOTA used	



Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Field wiring terminations from 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	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	
Insulation stripping length	7.5mm
Approvals	
Standards	cURus (UL File E141197; Ref. RS-XXX)
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		
LM2NZF terminal		
N / A		
Plug connection		
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		
Insulation stripping length	7.5mm	
Approvals		
Standards	cURus (UL File E141197; Ref. RS-XXX)	
Dimensions		
Length x width x height (inches / mm)	4.0 x 2.8 x 2.6 / 101.6 x 71.1 x 66	
Note		

Ordering data

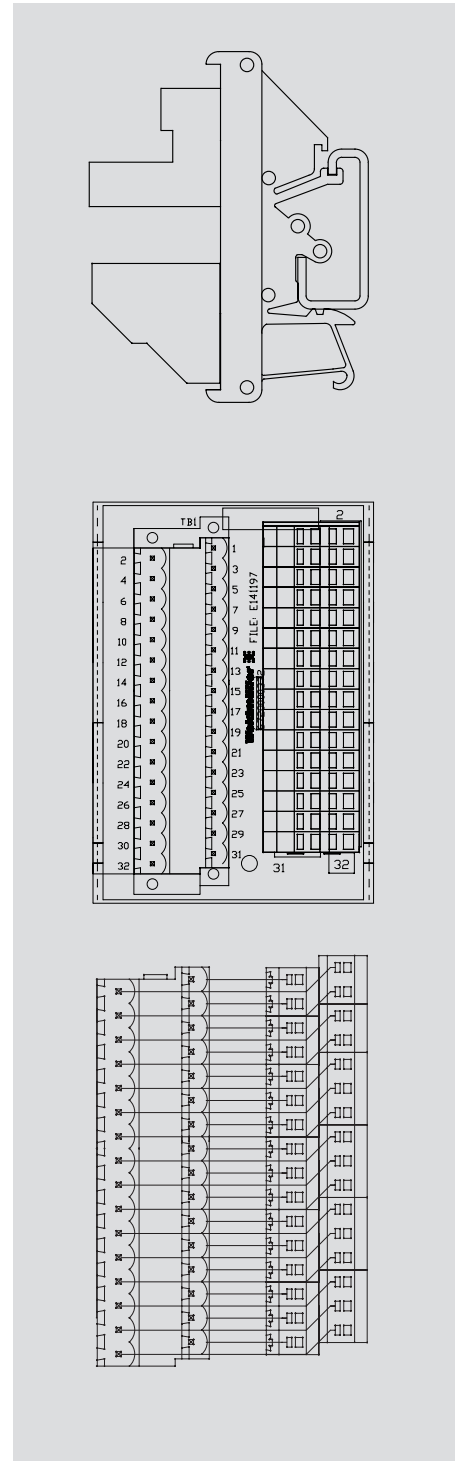
Tension connection		
Note		

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

Accessories

Optional Cable		
Note		

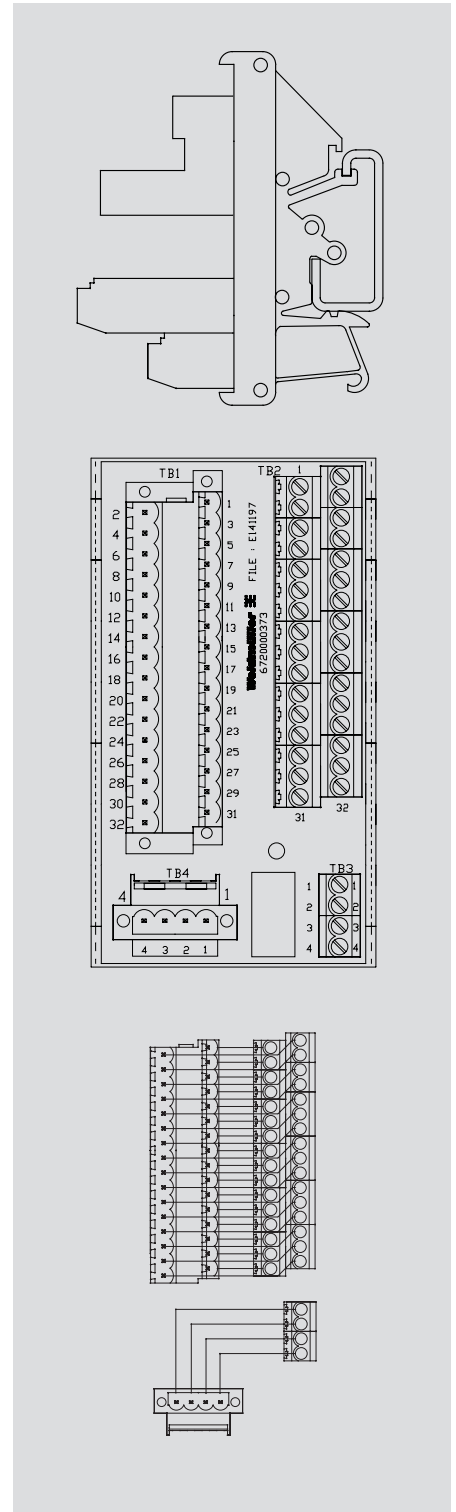
DWG No.		
a clamshell 32-pole to clamshell 32-pole	MS - C32x - C32x - Lxx - xxx	
Required quantity based on Honeywell IOTA used		



Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Field wiring terminations from RIGHT side
- 16 Channels
- Feed through connections
- For analog 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	
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	
LP2N terminal	
4.4. in-lbs (0.5Nm)	
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 26 ...12	
Insulation stripping length	6mm
Approvals	
Standards	cURus (UL File E141197; Ref. RS-XXX)
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

Screw connection	
Note	

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

Accessories

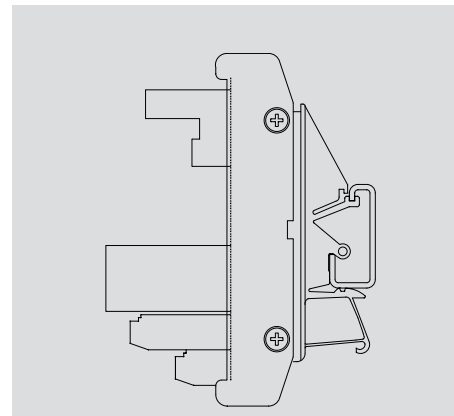
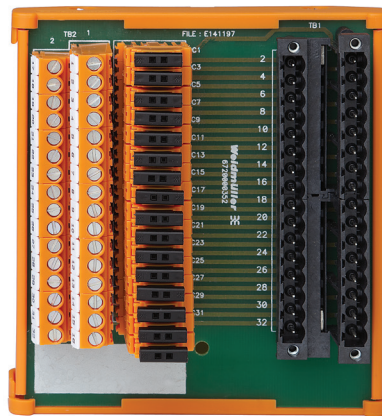
Optional Cables	
Note	

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

Field Termination Assembly

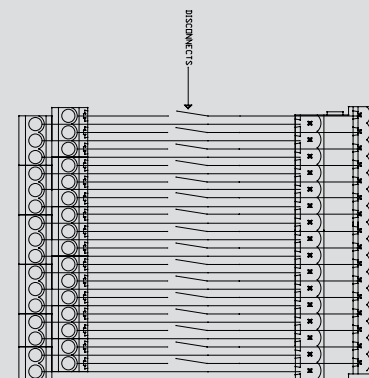
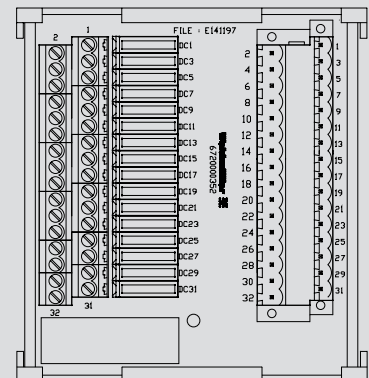
- CLAMSHELL style connection on module
- Disconnects for each channel
- Reduce Cabinet Space
- Field wiring terminations from LEFT side
- 16 Channels
- Feed through connections with disconnects
- For analog/discrete signals
- 32 points
- Honeywell C300 IOTAs
 - CC-TAOX01/TAOX11/TAON01/TAON11: CC-TDIL01/TDIL11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

32 pole, disconnect interface module (Field wiring left)



Technical data

Connection data	
Process side	Screw connection
Type	LP2N terminal
Torque	4.4 in-lbs (0.5Nm)
Control side	Plug connection
Type	CLAMSHELL SLD 32-Pole
Rated data	
Rated voltage	250V
Max. current per channel	5A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
General Features	
LED status indicator per channel	No
Disconnection per channel	Yes
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	AWG 26 ...12
Insulation stripping length	6mm
Approvals	
Standards	cURus (UL File E141197; Ref. RS-XXX)
Dimensions	
Length x width x height (inches / mm)	4.7 x 4.4 x 3.6 / 119.4 x 111.8 x 91.5
Note	



Ordering data

	Model	Qty	Part No.
Screw connection	32-pole, disconnect interface module (Field wiring left)	1	6720000352
Note	Disconnects located on terminals 1,3,5,...29,31		

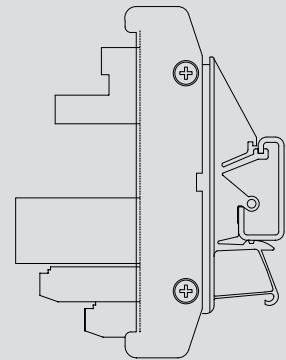
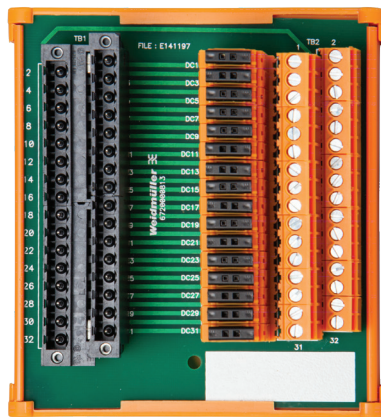
Accessories

		DWG No.
Optional Cable	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
- 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

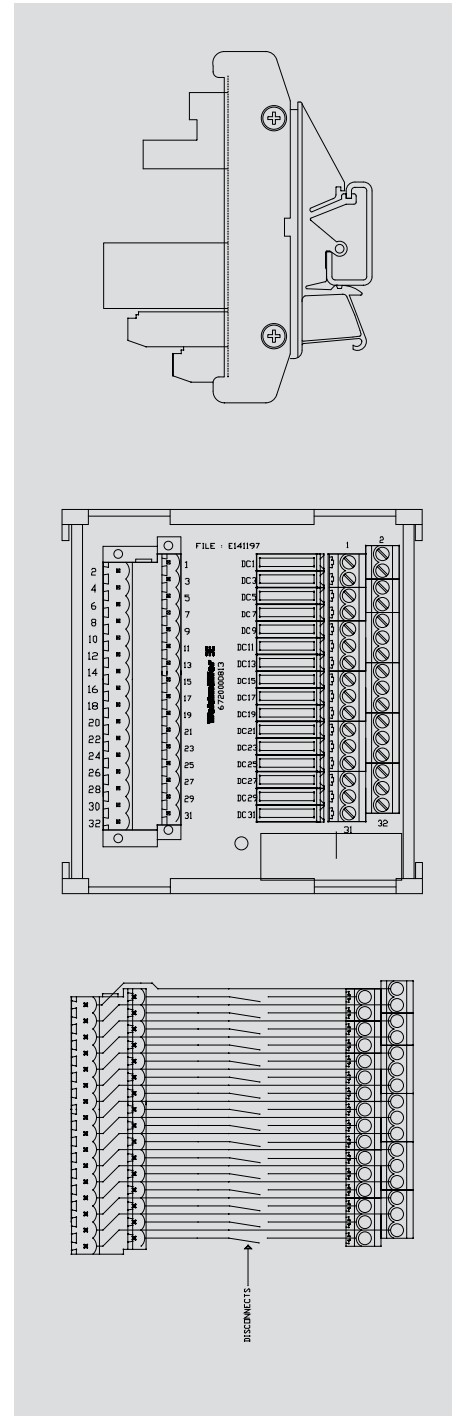
Connection data	
Process side	Screw connection
Type	LP2N terminal
Torque	4.4 in-lbs (0.5Nm)
Control side	Plug connection
Type	CLAMSHELL SLD 32-Pole
Rated data	
Rated voltage	250V
Max. current per channel	5A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
General Features	
LED status indicator per channel	No
Disconnection per channel	Yes
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	
Insulation stripping length	6mm
Approvals	
Standards	cURus (UL File E141197; Ref. RS-XXX)
Dimensions	
Length x width x height (inches / mm)	4.7 x 4.4 x 3.6 / 119.4 x 111.8 x 91.5
Note	

Ordering data

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

Accessories

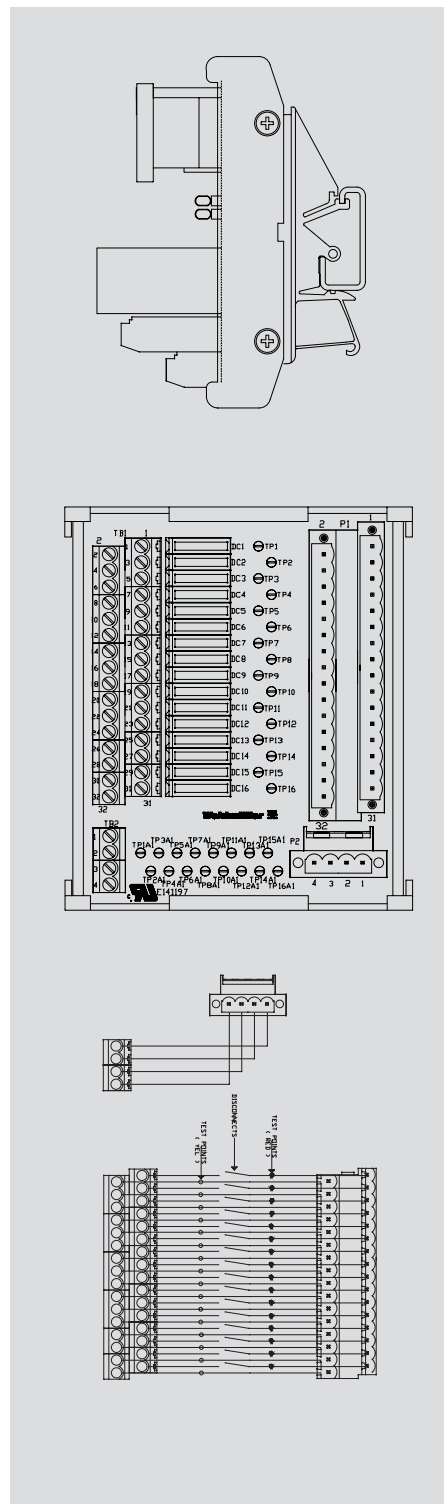
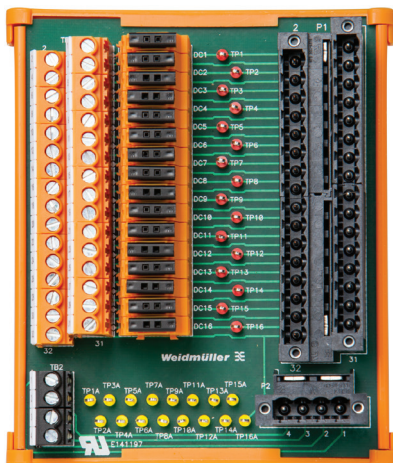
	DWG No.
Optional Cable	a clamshell 32-pole to clamshell 32-pole MS - C32x - C32x - Lxx - xxx
Note	Required quantity based on Honeywell IOTA used



Field Termination Assembly

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

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



Technical data

Connection data	
Process side	Screw connection
Type	LP2N 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	
Insulation stripping length	AWG 26 ... 12 6mm
Approvals	
Standards	cURus (UL File E141197; Ref. RS-XXX)
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	32-pole, disconnect interface module (Field wiring left)	1	6720000764
Note	Disconnects located on terminals 1,3,5...29,31		

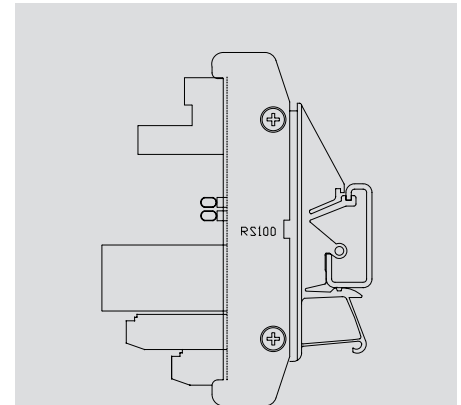
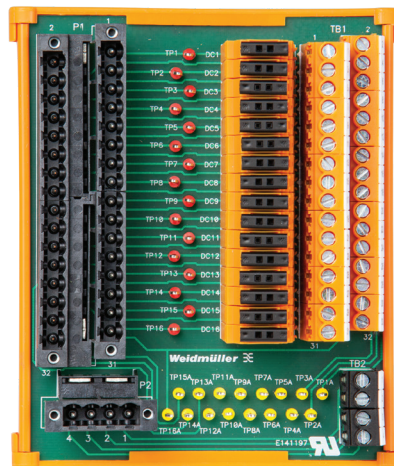
Accessories

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

Field Termination Assembly

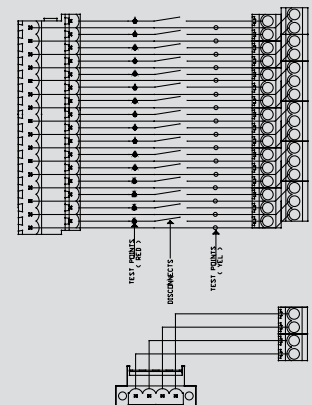
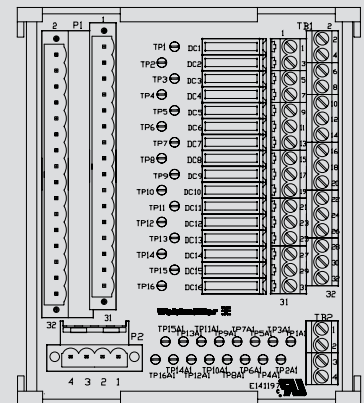
- CLAMSHELL style connection on module
- Test points for HART monitoring
- Disconnects for each channel
- Reduce Cabinet Space
- Field wiring termination from RIGHT side
- 16 channels
- Feed through connections with disconnects
- For analog signals
- 32 points
- 4 additional terminations for power/ return 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	LP2N 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	
Insulation stripping length	6mm
Approvals	
Standards	cURus (UL File E141197; Ref. RS-XXX)
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.
32-pole, disconnect interface module (Field wiring right)	1	6720000763
Disconnects located on terminals 1,3,5,...29,31		

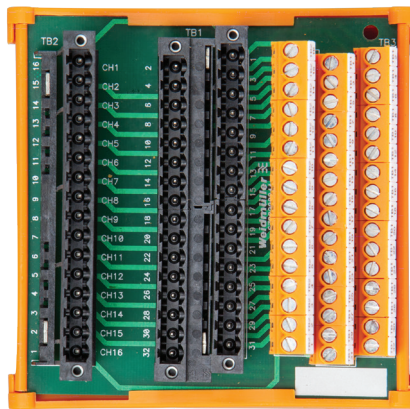
Accessories

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

Field Termination Assembly

- CLAMSHELL style connection on module
- Reduce Cabinet Space
- Field wiring 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	Screw connection
Type	LP2N terminal
Torque	4.4 in-lbs (0.5Nm)
Control side	Plug connection
Type	CLAMSHELL SLD 32-Pole and CLAMSHELL SLD 16-Pole
Rated data	
Rated voltage	250V
Max. current per channel	5A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
General Features	
LED status indicator per channel	No
Disconnection per channel	No
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	No
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	
Insulation stripping length	6mm
Approvals	
Standards	cURus (UL File E141197; Ref. RS-XXX)
Dimensions	
Length x width x height (inches / mm)	4.2 x 4.4 x 3.7 / 106.7 x 111.8 x 94.0
Note	

Process side	Screw connection
Type	LP2N terminal
Torque	4.4 in-lbs (0.5Nm)
Control side	Plug connection
Type	CLAMSHELL SLD 32-Pole and CLAMSHELL SLD 16-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 26 ...12
Insulation stripping length	6mm
Standards	cURus (UL File E141197; Ref. RS-XXX)
Length x width x height (inches / mm)	4.2 x 4.4 x 3.7 / 106.7 x 111.8 x 94.0

Ordering data

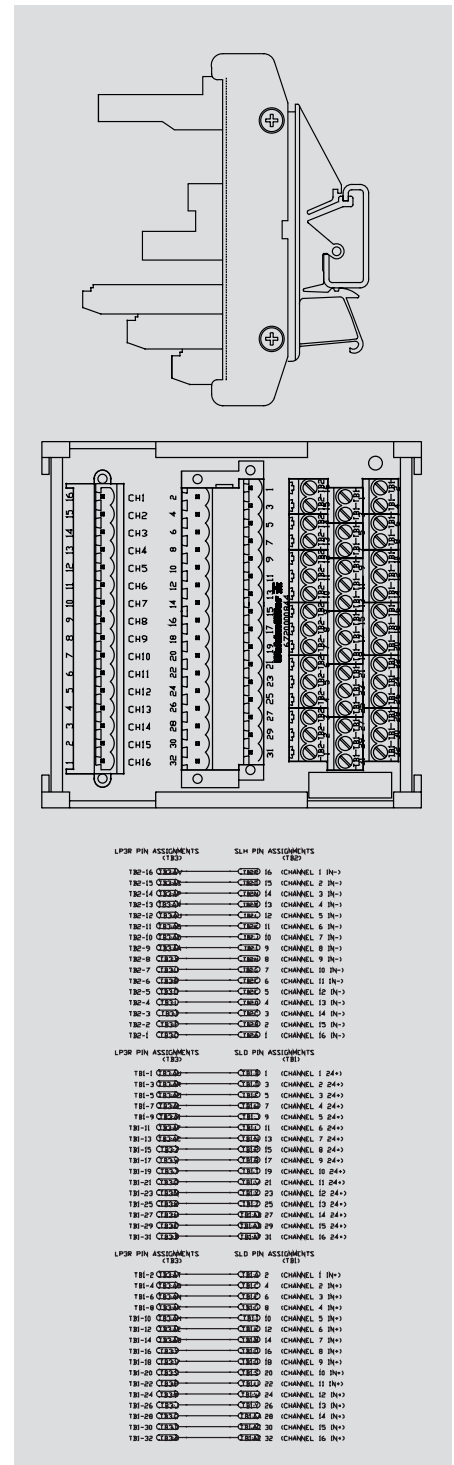
Model	Qty	Part No.
Screw connection	1	672000844
Note		

Model	Qty	Part No.
48 pole, differential feed through interface module (Field wiring right)	1	672000844
Note		

Accessories

	DWG No.
Optional Cables	
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	

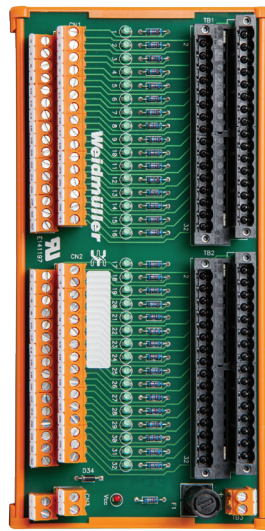
	DWG No.
a clamshell 32-pole to clamshell 32-pole	MS - C32x - C32x - Lxx - xxx
a clamshell 16-pole each end	MS - C16x - C16x - Rxx - xxx
Note	



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

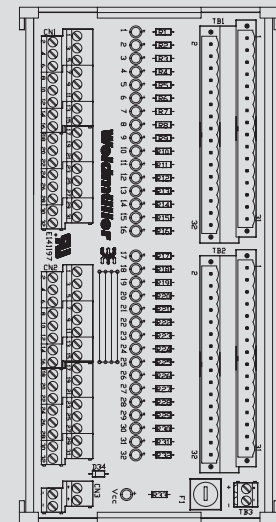
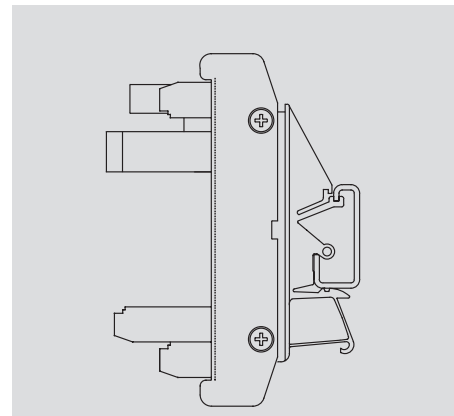
Connection data	
Process side	Screw connection
Type	LM2N terminal
Torque	4.4. in-lbs (0.5Nm)
Control side	Plug connection
Type	2 X CLAMSHELL SLD 32-Pole
Rated data	
Rated voltage	24 Vdc
Max. current per channel	1A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
General Features	
LED 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	
Insulation stripping length	6mm
Approvals	
Standards	cURus (UL File E1411197; Ref. RS-XXX)
Dimensions	
Length x width x height (inches / mm)	9.0 x 4.5 x 3.6 / 229 x 115 x 91.5
Note	
	For use with non-line monitored inputs only

Ordering data

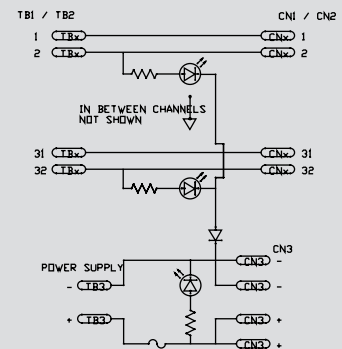
Model	Qty	Part No.
32-channel digital input interface module (Field wiring left)	1	6720000570
Note		
For use with non-line monitored inputs only		

Accessories

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



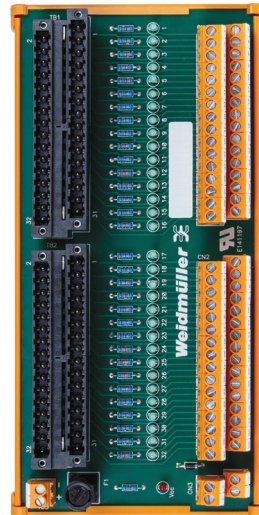
TYPICAL CONNECTIONS BETWEEN TBI AND CNI (TBE AND CNE ARE IDENTICAL)



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

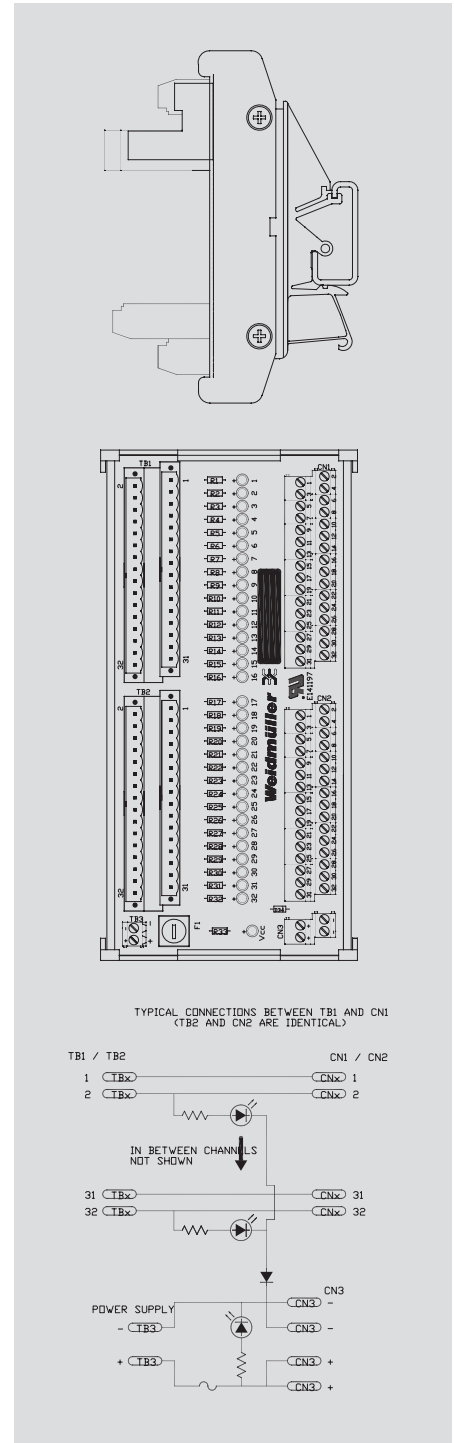
Connection data	
Process side	Screw connection
Type	LM2N terminal
Torque	4.4. in-lbs (0.5Nm)
Control side	Plug connection
Type	2 X CLAMSHELL SLD 32-Pole
Rated data	
Rated voltage	24 Vdc
Max. current per channel	1A
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
General Features	
LED 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	
Insulation stripping length	6mm
Approvals	
Standards	cURus (UL File E1411197; Ref. RS-XXX)
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	6720000824
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

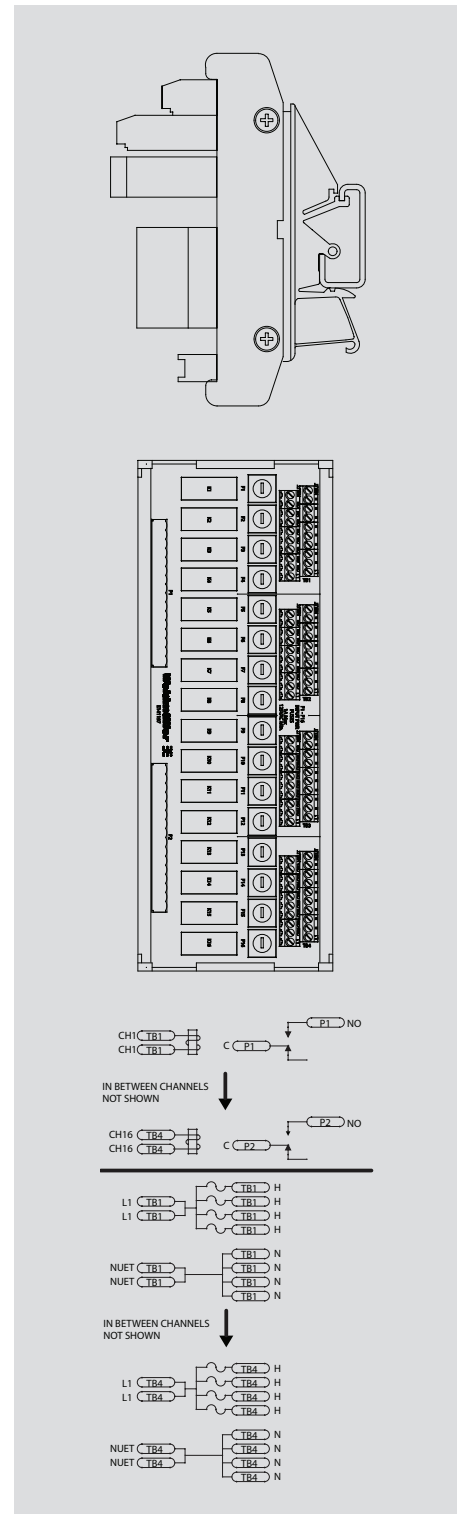
Connection data	
Process side	
Type	
Torque	
Control side	
Type	
Rated data	
Rated voltage (control/field)	
Dry contacts	
Field power output	
Operating temperature	
Storage temperature	
General Features	
LED status indicator per channel	
Disconnection per channel	
Channel shield connections	
Voltage 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	
LP2N 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 (UL File E 141197; Ref. RS-XXX)	
11.5 x 4.4 x 4.3 / 292 x 111.8 x 110	

Ordering data

Screw connection	
Note	
Accessories	
Optional Cables	
Note	

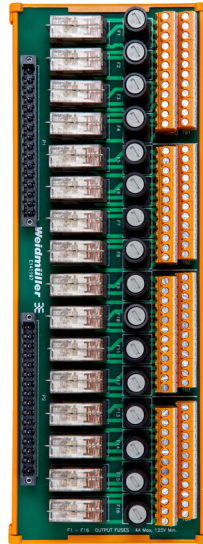
Model	Qty	Part No.
16-channel, digital input relay assembly (Field wiring right)	1	6720000760
DWG No.		
a clamshell 32-point to 2 x clamshell 16-point		MS - C32x - C26x - Rxx - xxx



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

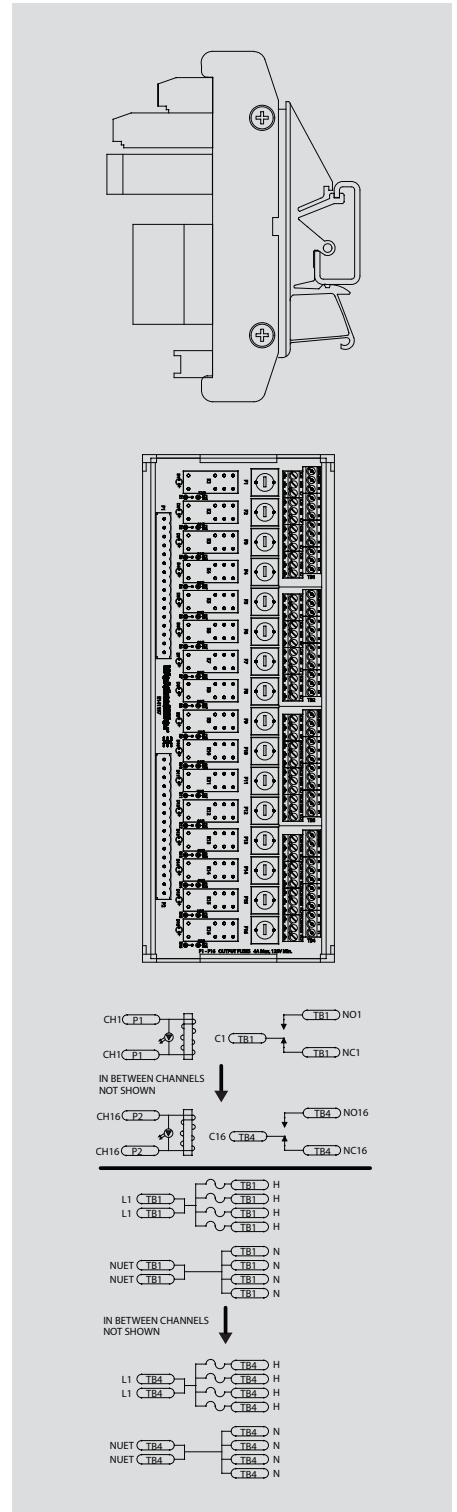
Connection data	
Process side	Screw connection
Type	LM2N terminal
Torque	4.4. in-lbs (0.5Nm)
Control side	Plug connection
Type	CLAMSHELL 2x16
Rated data	
Rated voltage (control/field)	24 Vdc/125 Vac
Dry contacts output	10-Amp per channel maximum
Field power output	4-Amp maximum per channel (Fused: 5x20mm, 4A max) 16-Amp maximum per group of 4 channels
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
Channel shield connections	No
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	Yes (5x20mm, 4A max)
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	
Insulation stripping length (TB3/TB5)	AWG 26 ... 12 6mm
Approvals	
Standards	cURus (UL File E141197; Ref. RS-XXX)
Dimensions	
Length x width x height (inches / mm)	11.5 x 4.4 x 4.3 / 292 x 111.8 x 110
Note	

Process side	Screw connection
Type	LM2N terminal
Torque	4.4. in-lbs (0.5Nm)
Control side	Plug connection
Type	CLAMSHELL 2x16
Rated voltage (control/field)	24 Vdc/125 Vac
Dry contacts output	10-Amp per channel maximum
Field power output	4-Amp maximum per channel (Fused: 5x20mm, 4A max) 16-Amp maximum per group of 4 channels
Operating temperature	0°C to +50°C
Storage temperature	0°C to +50°C
LED status indicator per channel	Yes
Disconnection per channel	No
Channel shield connections	No
Voltage measuring test points	No
Current measuring test points	No
Fuse via channel	Yes (5x20mm, 4A max)
Supply voltage LED status	No
Power supply fuse	No
Terminal wire size	AWG 26 ... 12 6mm
Standards	cURus (UL File E141197; Ref. RS-XXX)
Length x width x height (inches / mm)	11.5 x 4.4 x 4.3 / 292 x 111.8 x 110
Note	

Ordering data

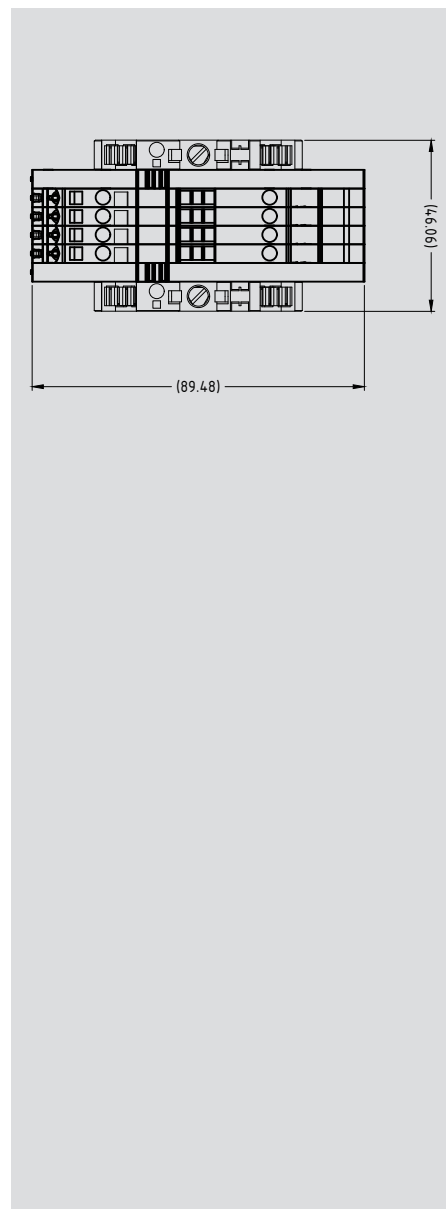
Screw connection		
Note		
Accessories		
Optional Cables		
Note		

Model	Qty	Part No.
32 point, 16-channel, digital output relay assembly (Field wiring right)	1	672000902
DWG No.		
a clamshell 32-point to 2 x clamshell 16-point	MS - C32x - C26x - Rxx - xxx	



Terminal Block Kit

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



Technical data

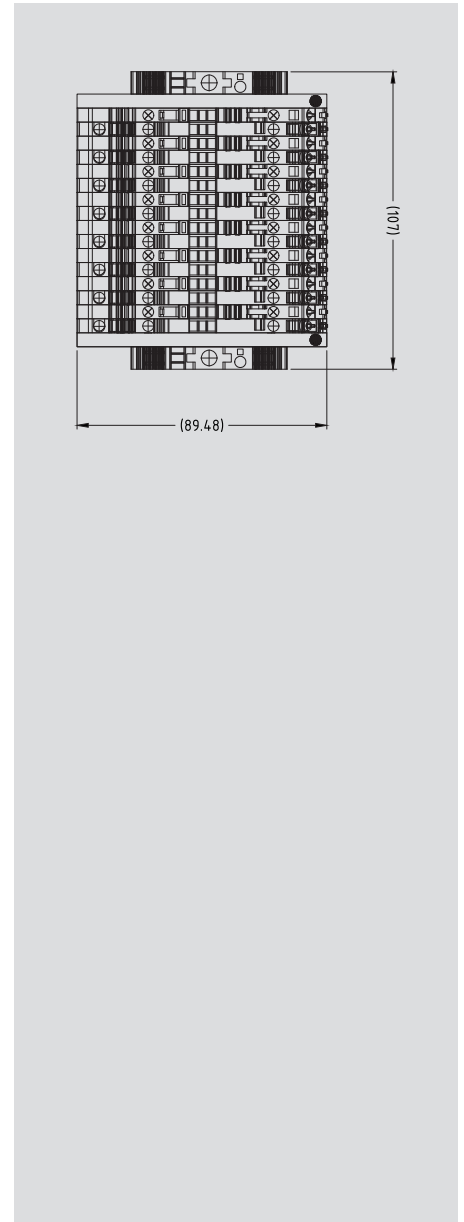
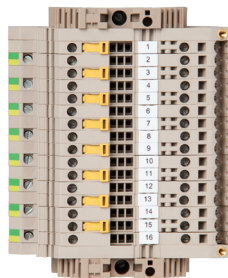
Connection data	
Process side	Screw connection
Type	WMF 2.5 BLZ Terminals
Torque	4.4 in – lbs (0.5 Nm)
Control side	Screw connection / Pluggable BLZ
Rated data	
Rated voltage	300V
Max. current per channel	10A
Operating temperature	-50°C to +120°C (Thermoplastic)
Storage temperature	
General Features	
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	
Terminal Insulation stripping length	AWG 26 ... 12
BLZ Insulation stripping length	10mm
	7mm
Approvals	
Standards	cURus (UL File E60693)
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 BLZ 4; Screw connection	1	6760005174
Note		
Without PE Rail connection		

Terminal Block Kit

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



Technical data

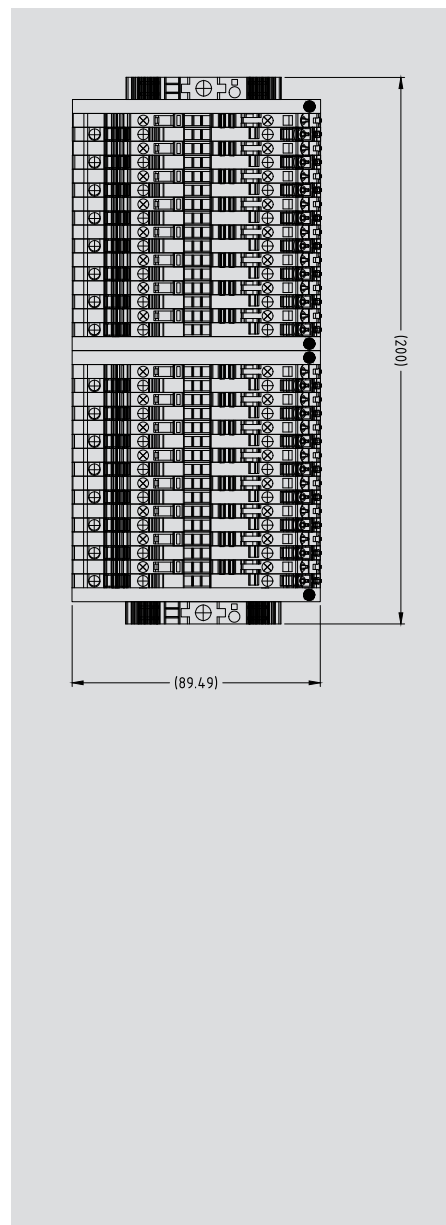
Connection data	
Process side	Screw connection
Type	WMF 2.5 BLZ and WMF 2.5 DI BLZ Terminals
Torque	4.4 in - lbs (0.5 Nm)
Control side	Screw connection / Pluggable BLZ
Rated data	
Rated voltage	300V
Max. current per channel	10A
Operating temperature	- 50°C - +120°C (Thermoplastic)
Storage temperature	
General Features	
LED status indicator per channel	-
Disconnection per channel	Yes
Voltage measuring test points	-
Current measuring test points	-
Fuse via channel	-
Supply voltage LED status	-
Power supply fuse	-
Terminal wire size	
Terminal Insulation stripping length	AWG 26 ... 12
BLZ Insulation stripping length	10mm
	7mm
Approvals	
Standards	cURus (UL File E60693)
Dimensions	
Length x width x height (inches / mm)	3.5 x 4.2 x 1.8 / 90 x 107 x 45
8 channel/ 16 terminals	
Note	
	Disconnect location shown on drawing

Ordering data

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

Terminal Block Kit

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



Technical data

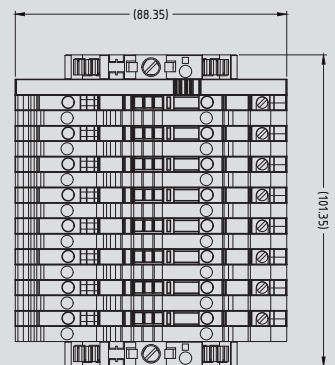
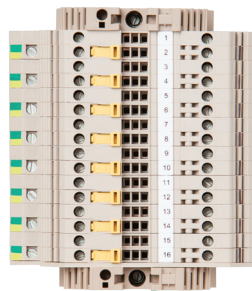
Connection data	
Process side	
Type	Screw connection
Torque	WMF 2.5 BLZ and WMF 2.5 DI BLZ Terminals 4.4 in - lbs (0.5 Nm)
Control side	Screw connection / Pluggable BLZ
Rated data	
Rated voltage	300V
Max. current per channel	10A
Operating temperature	- 50°C - +120°C (Thermoplastic)
Storage temperature	
General Features	
LED status indicator per channel	-
Disconnection per channel	Yes
Voltage measuring test points	-
Current measuring test points	-
Fuse via channel	-
Supply voltage LED status	-
Power supply fuse	-
Terminal wire size	
Terminal Insulation stripping length	AWG 26 ... 12
BLZ Insulation stripping length	10mm
	7mm
Approvals	
Standards	cURus (UL File E60693)
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 BLZ 16; Screw/Plug Connection	1	6760005176
With PE Rail connection		

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

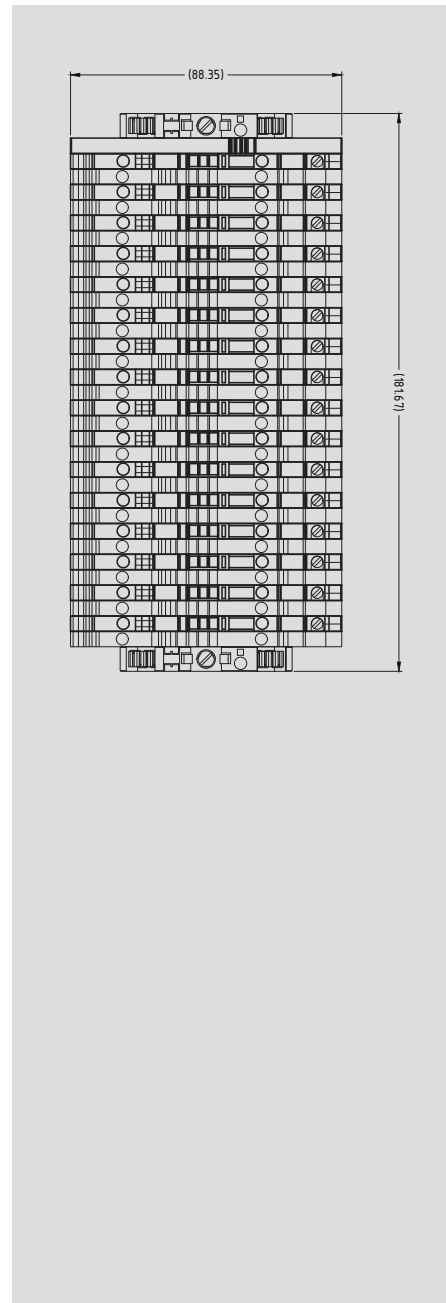
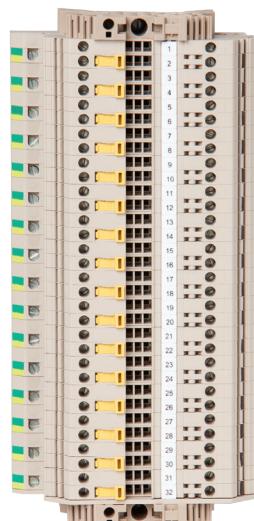
Connection data	
Process side	Screw connection
Type	WMF 2.5 and WMF 2.5 DI PE Terminals
Torque	4.4 in - lbs (0.5Nm)
Control side	Screw connection
Rated data	
Rated voltage	300V
Max. current per channel	10A
Operating temperature	-50°C to +120°C (Thermoplastic)
Storage temperature	
General Features	
LED 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	
Terminal Insulation stripping length	10mm
Approvals	
Standards	cURus (UL File E60693)
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
Note		
With PE Rail connection		

Terminal Block Kit

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



Technical data

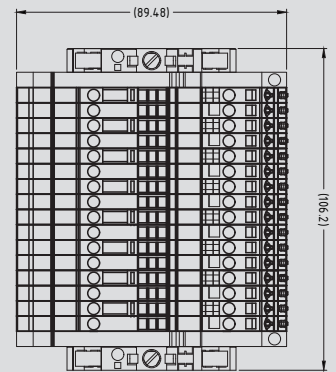
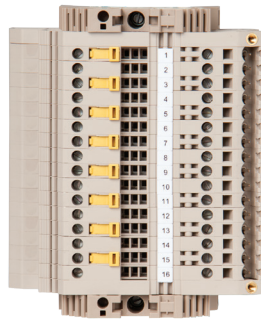
Connection data	
Process side	Screw connection
Type	WMF 2.5 and WMF 2.5 DI PE Terminals
Torque	4.4 in - lbs (0.5 Nm)
Control side	Screw connection
Rated data	
Rated voltage	300V
Max. current per channel	15A
Operating temperature	- 50°C - +120°C (Thermoplastic)
Storage temperature	
General Features	
LED status indicator per channel	-
Disconnection per channel	Yes
Voltage measuring test points	-
Current measuring test points	-
Fuse via channel	-
Supply voltage LED status	-
Power supply fuse	-
Terminal wire size	
Terminal Insulation stripping length	10mm
Approvals	
Standards	cURus (UL File E60693)
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
Note		
With PE Rail connection		

Terminal Block Kit

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



Technical data

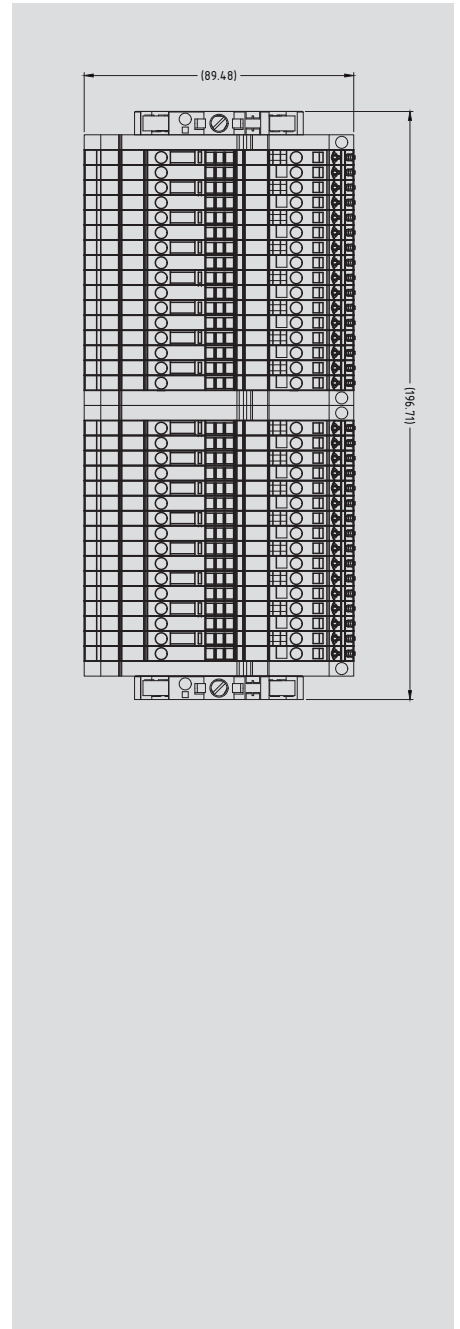
Connection data	
Process side	Screw connection
Type	WMF 2.5 BLZ and WMF 2.5 DI BLZ
Torque	4.4 in - lbs (0.5Nm)
Control side	Screw connection/Pluggable BLZ
Rated data	
Rated voltage	300V
Max. current per channel	10A
Operating temperature	-50°C to +120°C (Thermoplastic)
Storage temperature	
General Features	
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	
Terminal Insulation stripping length	AWG 26 ... 12
BLZ Insulation stripping length	10mm
	7mm
Approvals	
Standards	cURus (UL File E60693)
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 BLZ; Screw/Plug connection	1	6760005179
Note		
Without PE Rail connection		

Terminal Block Kit

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



Technical data

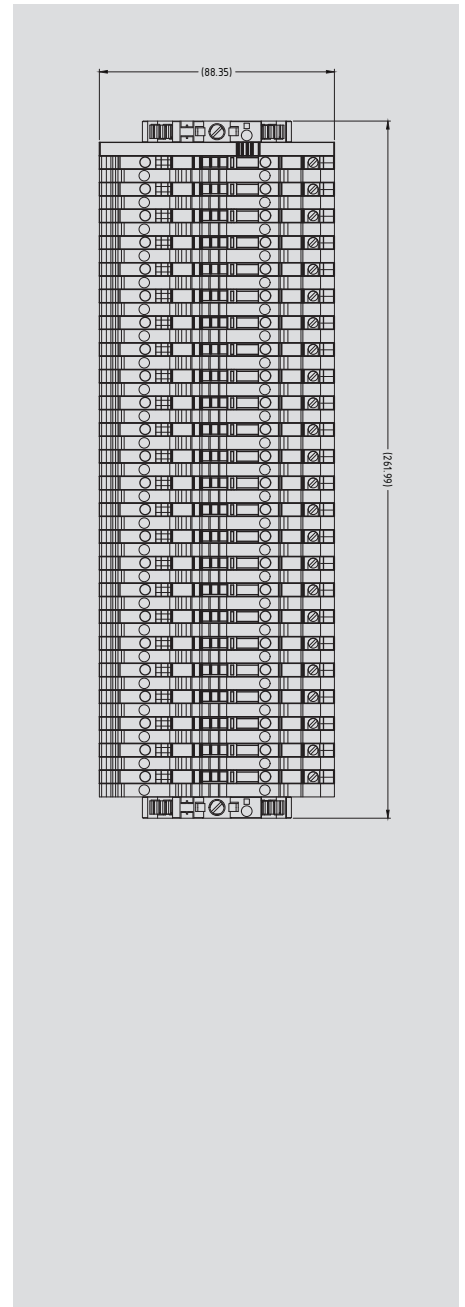
Connection data	
Process side	Screw connection
Type	WMF 2.5 BLZ and WMF 2.5 DI BLZ
Torque	4.4 in - lbs (0.5 Nm)
Control side	Screw connection / Pluggable BLZ
Rated data	
Rated voltage	300V
Max. current per channel	10A
Operating temperature	- 50°C - +120°C (Thermoplastic)
Storage temperature	
General Features	
LED status indicator per channel	-
Disconnection per channel	Yes
Voltage measuring test points	-
Current measuring test points	-
Fuse via channel	-
Supply voltage LED status	-
Power supply fuse	-
Terminal wire size	
Terminal Insulation stripping length	AWG 26 ... 12
BLZ Insulation stripping length	10mm
	7mm
Approvals	
Standards	cURus (UL File E60693)
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 BLZ ; Screw/Plug connection	1	6760005180
Note		
Without PE Rail connection		

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

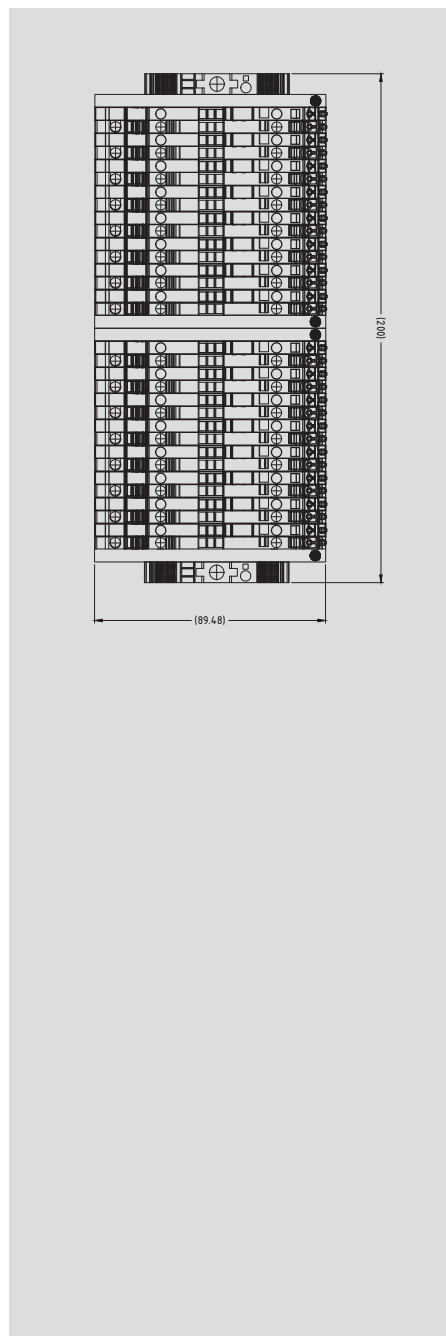
Connection data	
Process side	Screw connection
Type	WMF 2.5 and WMF 2.5 DI PE
Torque	4.4 in - lbs (0.5Nm)
Control side	Screw connection
Rated data	
Rated voltage	300V
Max. current per channel	15A
Operating temperature	-50°C to +120°C (Thermoplastic)
Storage temperature	
General Features	
LED status indicator 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	
Terminal Insulation stripping length	10mm
Approvals	
Standards	cURus (UL File E60693)
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 BLZ Terminal Assembly
- Dekafix markers included
- Secured with rubber band
- 16-channel version
- With pluggable BLZ interface
- With PE Rail connection



Technical data

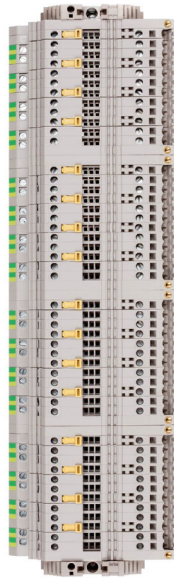
Connection data	
Process side	Screw connection
Type	WMF 2.5 BLZ and WMF 2.5 BLZ PE Terminals
Torque	4.4 in - lbs (0.5Nm)
Control side	Screw connection/Pluggable BLZ
Rated data	
Rated voltage	300V
Max. current per channel	10A
Operating temperature	-50°C to +120°C (Thermoplastic)
Storage temperature	
General 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	
Terminal Insulation stripping length	AWG 26 ... 12
BLZ Insulation stripping length	10mm
	7mm
Approvals	
Standards	cURus (UL File E60693)
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 BLZ Standard, Screw/Plug connection	1	6760006077
Note		
With PE Rail connection		

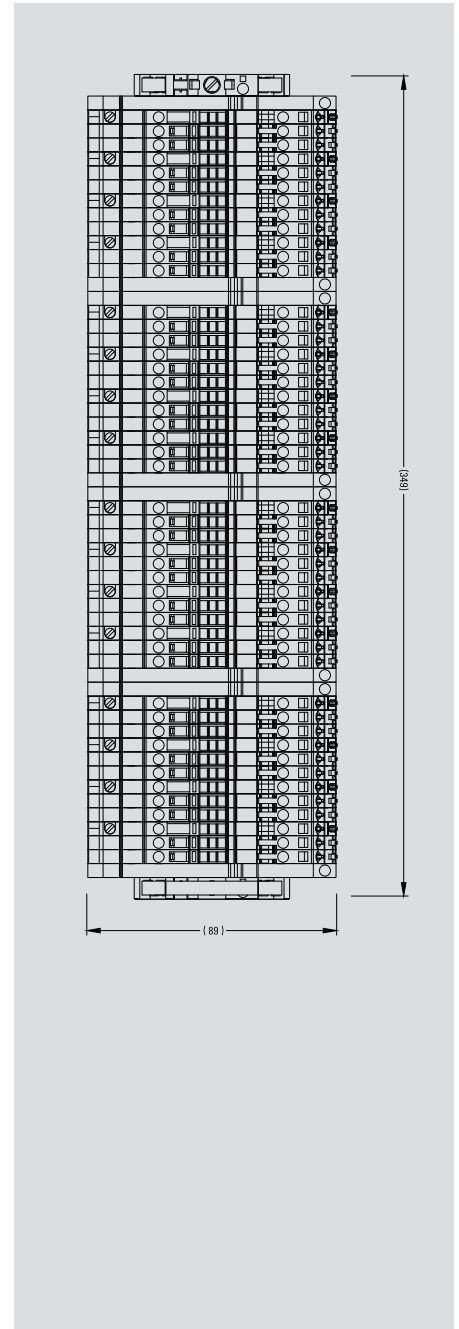
Terminal Block Kit

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

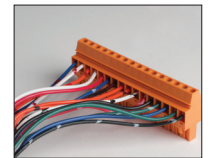
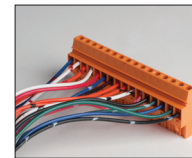
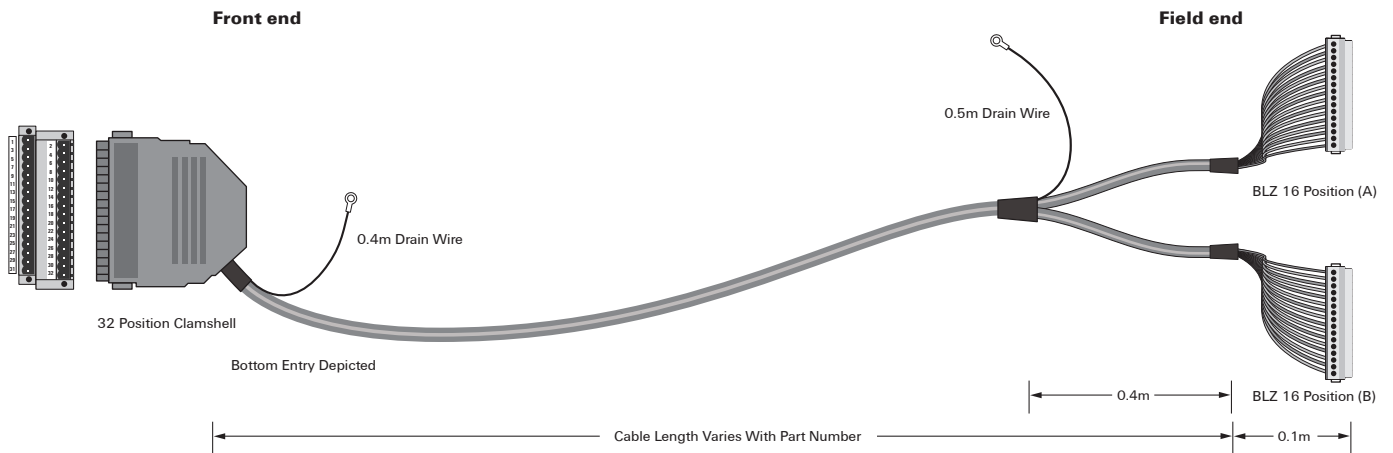


Technical data

Connection data		
Process side	Screw connection	
Type	WMF 2.5 DI BLZ and WMF 2.5 DI BLZ PE Terminals	
Torque	4.4 in-lbs (0.5Nm)	
Control side	Screw connection	
Rated data		
Rated voltage	300V	
Max. current per channel	UL (D) 10A	
Operating temperature	-50°C to +120°C (Thermoplastic)	
Storage temperature		
General Features		
LED status indicator per channel	-	
Disconnection per channel	Yes	
Voltage measuring test points	-	
Current measuring test points	-	
Fuse via channel	-	
Supply voltage LED status	-	
Power supply fuse	-	
Terminal wire size		
Terminal Insulation stripping length	10mm	
Approvals		
Standards	cURus (UL File E60693)	
Dimensions		
Length x width x height (inches / mm)	3.5 x 13.8 x 1.8 / 89 x 349 x 45	
Note		
Disconnect location shown on drawing		
Ordering data		
Model	Qty	Part No.
16-Channel WMF Standard; Screw connection	1	6760006318
Note		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

16 Position Connector BLZ (A)

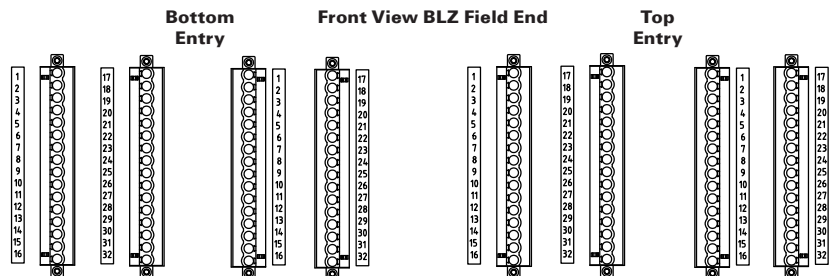
PIN #	Insulation Color	PIN #	Insulation Color
1	BLACK	2	BLACK / WHITE
3	BLACK / RED	4	BLACK / RED / WHITE
5	BLACK / RED / VIOLET	6	WHITE
7	WHITE / RED	8	WHITE / BLACK
9	WHITE / RED / BLACK	10	WHITE / RED / VIOLET
11	RED	12	RED / WHITE
13	RED / BLACK	14	RED / VIOLET
15	RED / WHITE / BLACK	16	RED / BLACK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

16 Position Connector BLZ (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 Table on page 47 or 50.

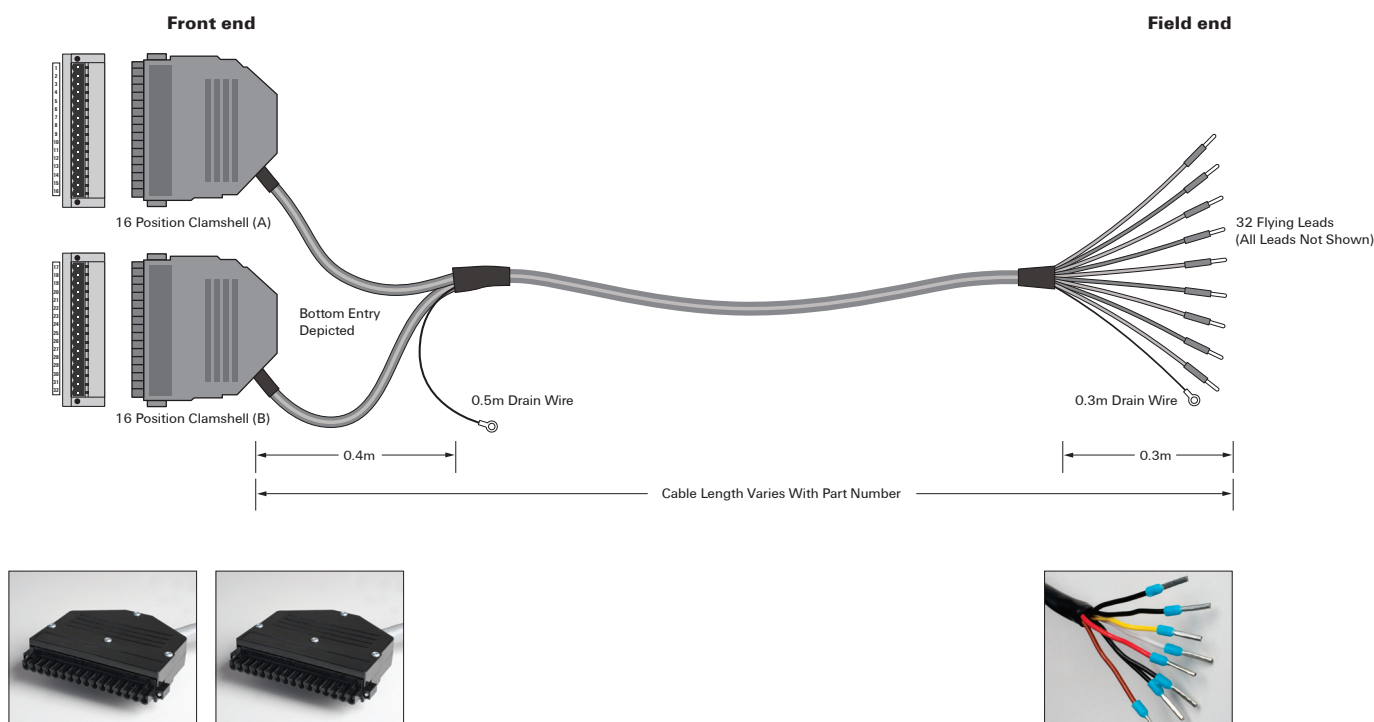
Additional cable lengths available.
Contact your Weidmüller Sales Representative.



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 Table on page 47 or 50.

Additional cable lengths available. Contact your Weidmüller Sales Representative.

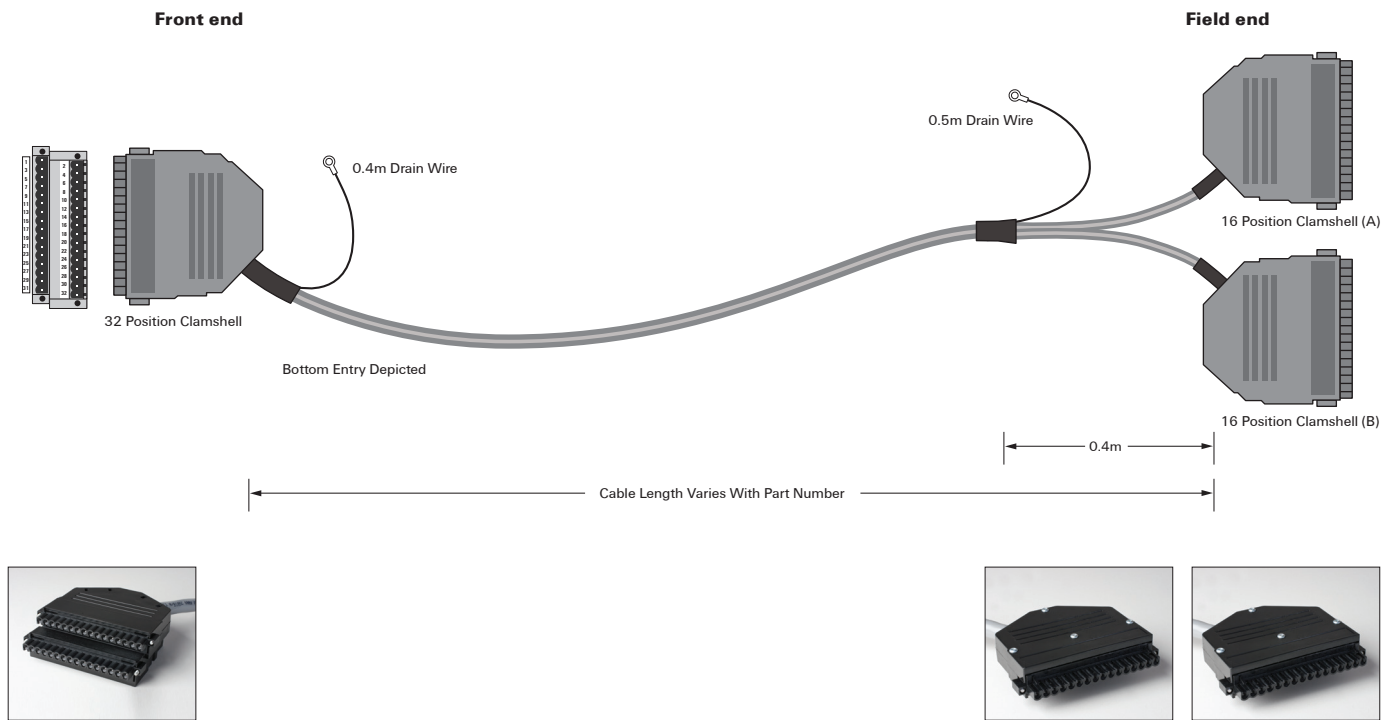
Additional Information

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

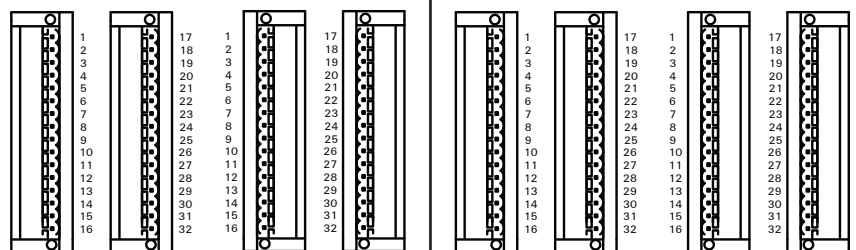
16 Position Connector CLAMSHELL (B)

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 Table on page 47 or 50.

Additional cable lengths available.
Contact your Weidmüller Sales Representative.

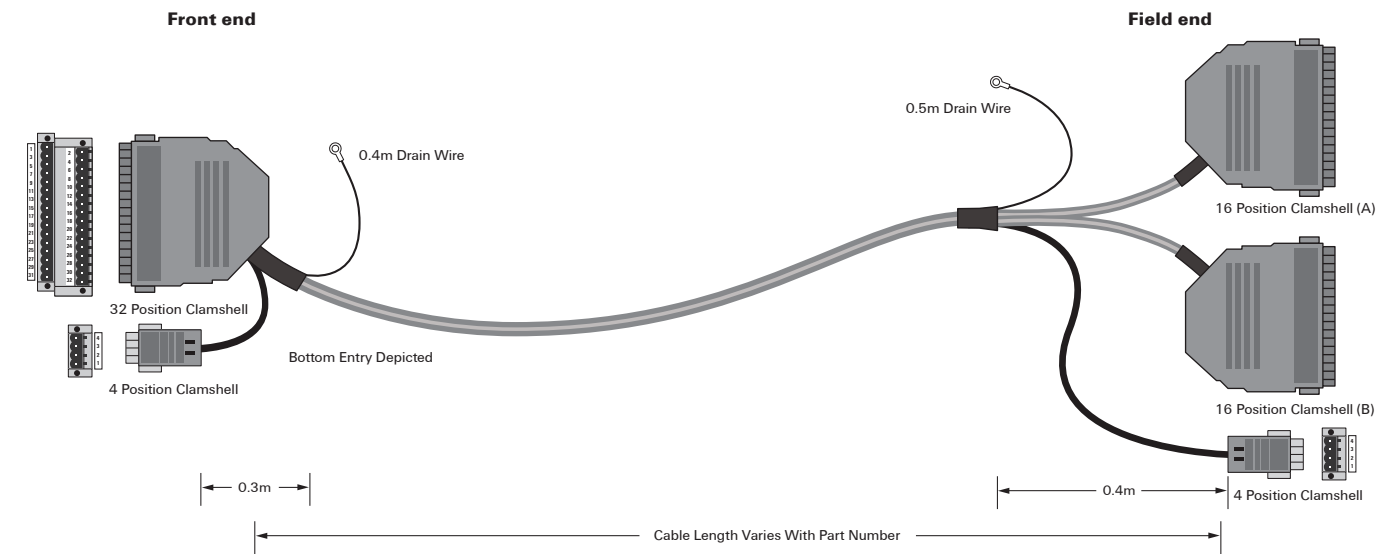
Front View Clamshell Field End



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

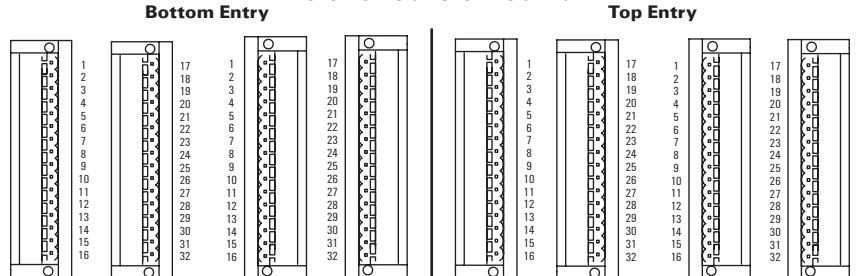
See Specification Table on page 47 or 50.

Additional cable lengths available.
Contact your Weidmüller Sales Representative.

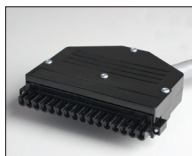
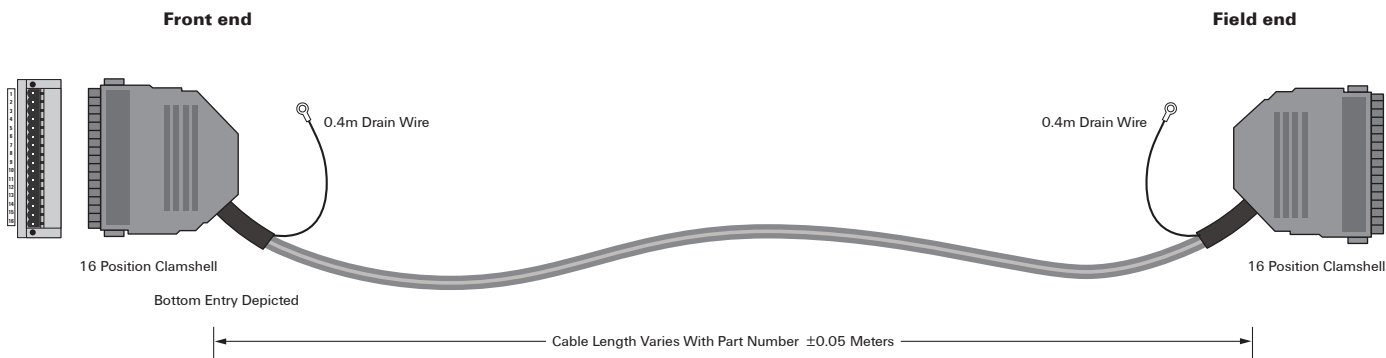
Additional Information

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

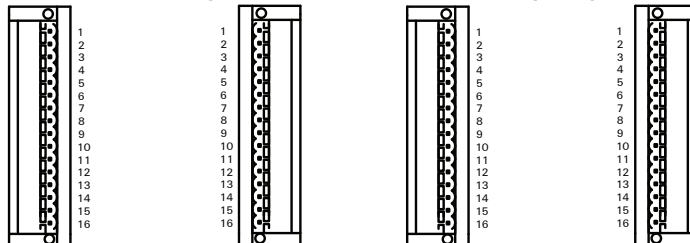
See Specification Table on page 46 or 49.

Additional cable lengths available.
Contact your Weidmüller Sales Representative.

Front View Clamshell Field End

Bottom Entry

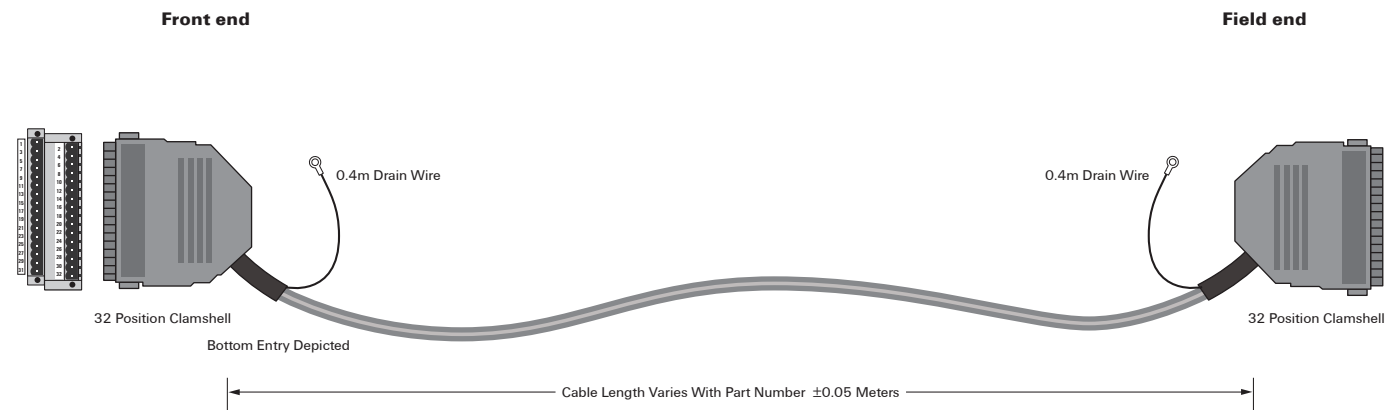
Top Entry



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

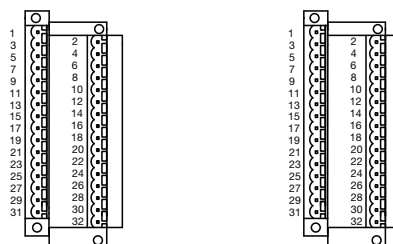
32 Position CLAMSHELL Connector

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 Table on page 47 or 50.

Additional cable lengths available.
Contact your Weidmüller Sales Representative.

Front View Clamshell Field End

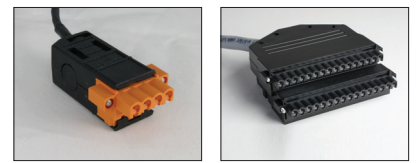
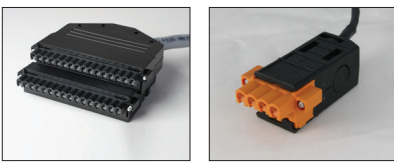
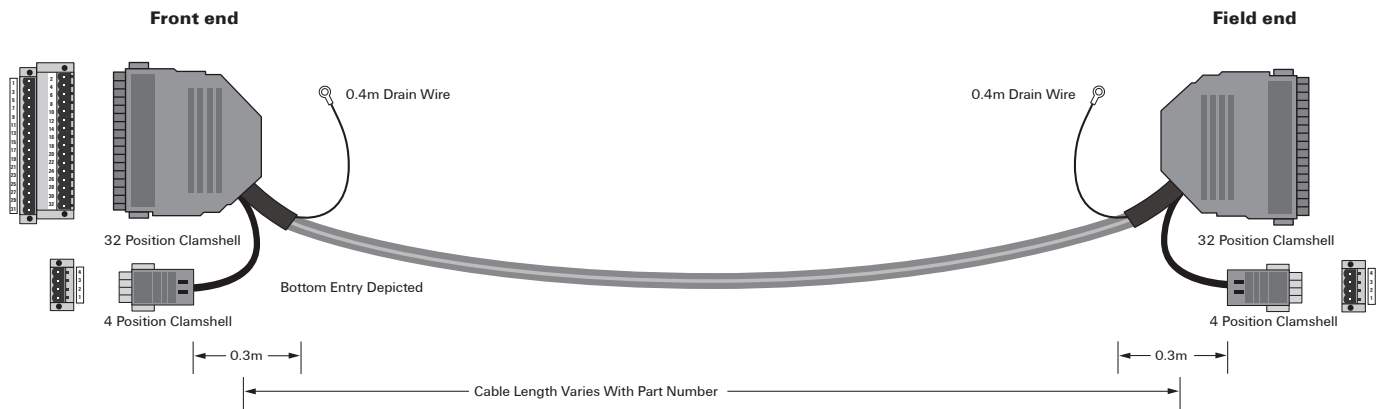


Additional Information

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

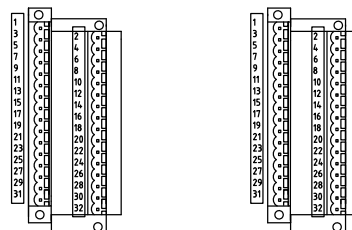
See Specification Table on page 47 or 50.

Additional cable lengths available.
Contact your Weidmüller Sales Representative.

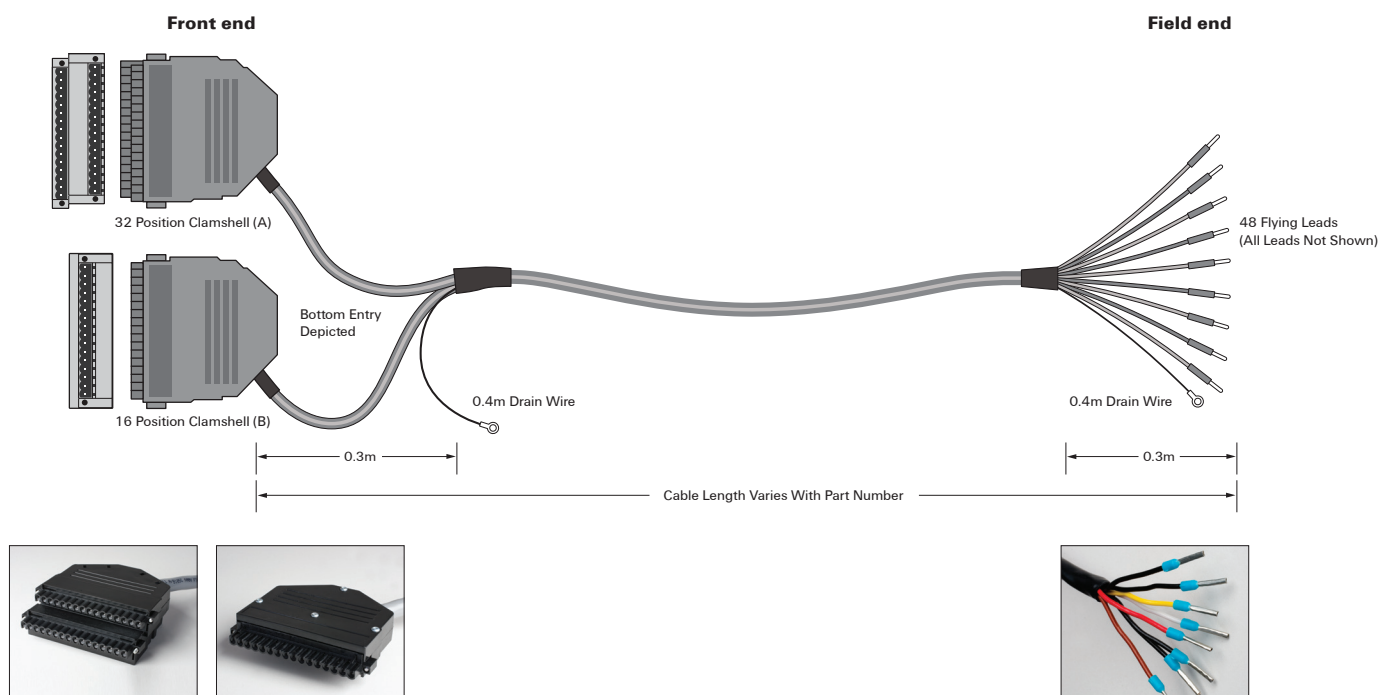
Additional Information

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 #
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 Table on page 51.

Additional cable lengths available. Contact your Weidmüller Sales Representative.

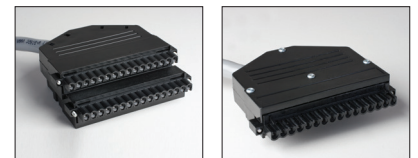
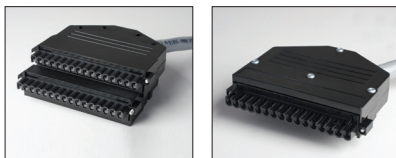
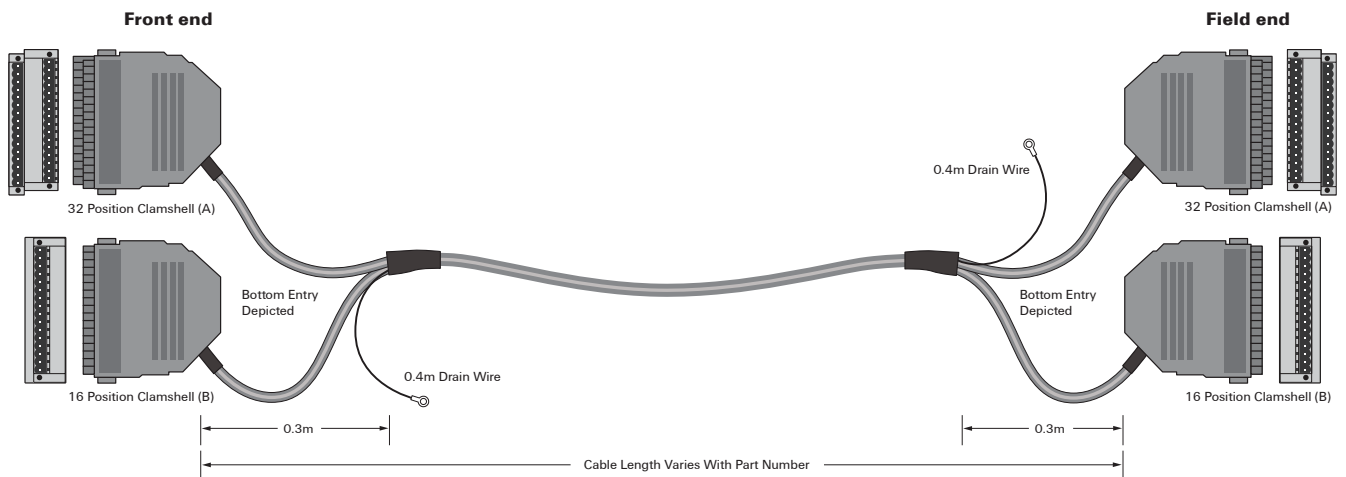
Data Guide TRIAD		
PAIR	Insulation Color	PIN #
1	BLACK	1
1	BLACK / WHITE	2
1	BLACK / YELLOW	16
2	BLACK / RED	3
2	BLACK / RED / WHITE	4
2	BLACK / RED / YELLOW	15
3	BLACK / BLUE	5
3	BLACK / BLUE / WHITE	6
3	BLACK / BLUE / YELLOW	14
4	BLACK / VIOLET	7
4	BLACK / VIOLET / WHITE	8
4	BLACK / VIOLET / YELLOW	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

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



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

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

See Specification Table on page 51.

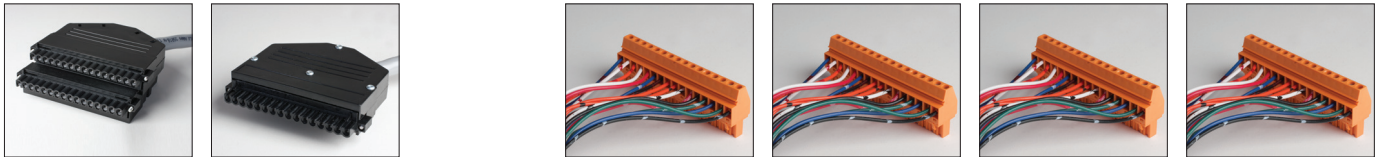
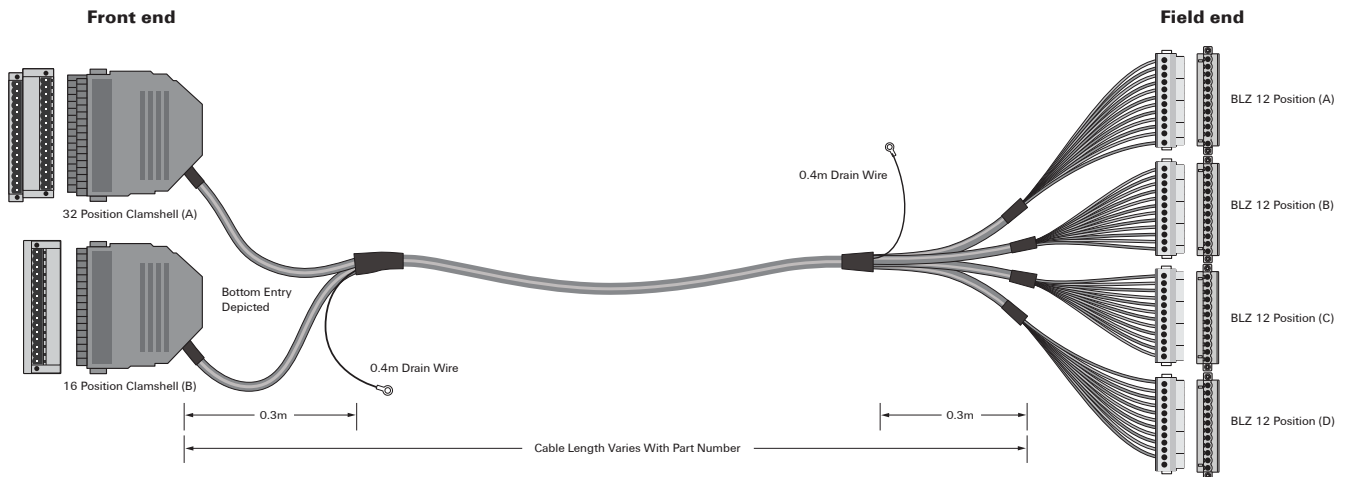
Additional cable lengths available. Contact your Weidmüller Sales Representative.

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	BLZ (A)	BLZ (B)	BLZ (C)	BLZ (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 Table on page 51.

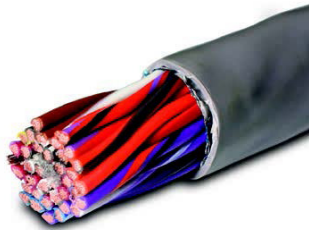
Additional cable lengths available. Contact your Weidmüller Sales Representative.

Additional Information

Use cable drawing MS-C48xxx-B42xx-xxx-xxx.

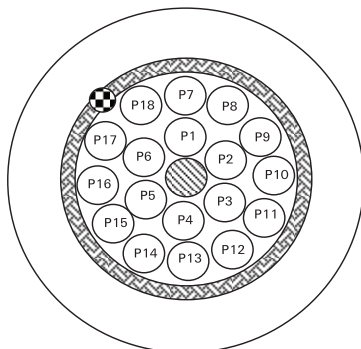
To custom build an engineered marshalling cable (in three quick steps), use the Marshalling Cable Configurator at www.weidmuller.com/marshalling.

18 Pair



Specifications: Table A	
Description	18AWG, 18 Pair
Physical Characteristics	
Conductor	18AWG
Conductor Stranding	16/30
Insulating Material Type	SR-PVC 80C
Shielding Type	Foil, 18A 16/30 tinned copper drain
Jacket Material Type	PVC FT4
Finished Cable O.D.	0.609 in / 15.47 mm
Bend Radius	7 in / 178 mm
Total Cable Weight	250 lbs/M
Temperature Range	-20°C to +80°C
Sunlight Resistance	Yes
Electrical Characteristics	
Nom. Cond DC Resistance, ohms/100ft	7.2
Voltage Ratings	300 VAC
Mutual Capacitance, pf/ft	27
Ground Capacitance, pf/ft	49.2
Characteristic Impedance, Ohms	75
Inductance, Ohms/1000ft	1.2
Conductor DCR, Ohms/100ft	6.7
O/A Shield DCR, Ohms/1000ft	14.5
Approvals	
Cable CSA Approved	AWM 80C 300V
Cable UL Approved	AWM 2464 80C 300V
RoHs Compliant	Yes

Current rating per conductor size and number of conductors used. Check appropriate standards.



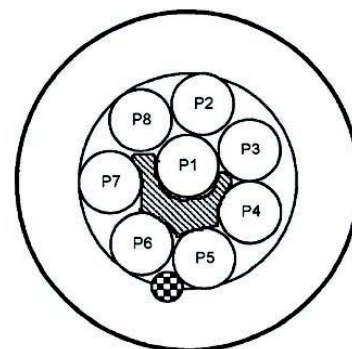
18 Pair Color Code

- P1. Black and Black/White
- P2. Black/Red and Black/Red/White
- P3. Black/Red/Violet and White
- P4. White/Red and White/Black
- P5. White/Red/Black and White/Red/Violet
- P6. Red and Red/White
- P7. Red/Black and Red/Violet
- P8. Red/White/Black and Red/Black/Violet
- P9. Blue and Blue/White
- P10. Blue/Red and Blue/Black
- P11. Blue/White/Black and Violet
- P12. Violet/White and Violet/Black
- P13. Violet/Orange/Black and Violet/Black/White
- P14. Orange and Orange/Red
- P15. Orange/Black and Orange/Violet
- P16. Orange/White/Black and Orange/Black/Violet
- P17. Brown and Brown/White
- P18. Yellow and Yellow/Black

8 Pair



Specifications: Table B	
Description	18AWG, 8 Pair
Physical Characteristics	
Conductor	18AWG
Conductor Stranding	16/30
Insulating Material Type	SR-PVC 80C
Shielding Type	Foil, 18A 16/30 tinned copper drain
Jacket Material Type	PVC FT4
Finished Cable O.D.	0.425 in / 10.80 mm
Bend Radius	7 in / 178 mm
Total Cable Weight	144 lbs/M
Temperature Range	-20°C to +80°C
Sunlight Resistance	Yes
Electrical Characteristics	
Nom. Cond DC Resistance, ohms/100ft	7.2
Voltage Ratings	300 VAC
Mutual Capacitance, pf/ft	27
Ground Capacitance, pf/ft	49.2
Characteristic Impedance, Ohms	75
Inductance, Ohms/1000ft	1.2
Conductor DCR, Ohms/100ft	6.7
O/A Shield DCR, Ohms/1000ft	14.5
Approvals	
Cable CSA Approved	AWM 80C 300V
Cable UL Approved	AWM 2464 80C 300V
RoHs Compliant	Yes



8 Pair Color Code

- P1. Black and Black/White
- P2. Black/Red and Black/Red/White
- P3. Black/Red/Violet and White
- P4. White/Red and White/Black
- P5. White/Red/Black and White/Red/Violet
- P6. Red and Red/White
- P7. Red/Black and Red/Violet
- P8. Red/White/Black and Red/Black/Violet

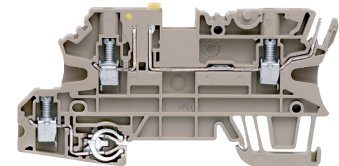
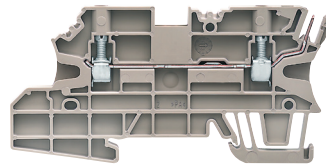
Multi-functional terminals

WMF 2.5 BLZ

2.5 mm²

WMF 2.5 DI BLZ 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 BLZ 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 BLZ	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 BLZ PE	50	1143010000
UL rated current: 14A at BLZ 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 BLZ	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
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
Width		
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 BLZ	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
Width		
DEK 5	1000	1609801044
WS 10/5 MC Middle	720	1792000000
WAD WMF2.5	1	1142970000

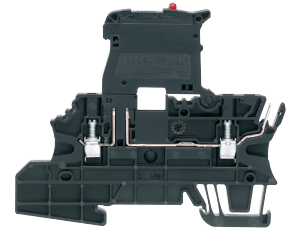
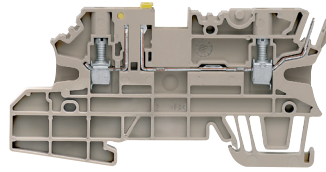
Multi-functional terminals

WMF 2.5 DI BLZ

2.5 mm²

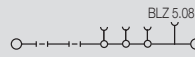
WMF 2.5 FU BLZ

2.5 mm²

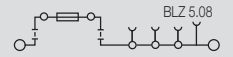


Width/Length/height with TS35x7.5 mm
 max. current / max. cond. cross-section A/mm²
 Max. clamping range mm²

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	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		

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 BLZ 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 BLZ	50	1143000000
UL rated current: 14A at BLZ plug		

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

Accessories

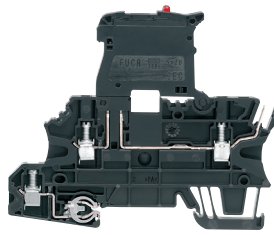
End plate / partition	Version
AP WMF2.5; Pitch = 1.5 mm	Beige Wemid
Mounting block for socket connector	
	Without peg
Cross-connection	
ZQV 2.5N	2-pole
	3-pole
	10-pole
	20-pole
Screwdriver	
SD acc. to DIN 5264-A	
Module connector (max. 250 V)	
	Without fittings
	With wire jumper
	With 1N4007 diode
Holder 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 BLZ	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
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

Type	Qty.	Part No.
AP WMF2.5	1	1142990000
WBB WMF2.5 BLZ	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

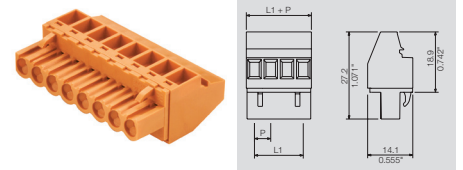
Multi-functional terminals

WMF 2.5 FU BLZ PE SW 2.5 mm²



BLZP 5.08/90

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

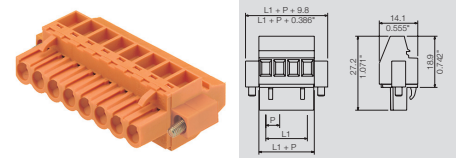


Ordering data

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	

BLZP 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	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	

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 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	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 BLZ plug		

Ordering data

Version	Type	Qty.	Part No.
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 FU BLZ PE SW	50	1162820000
WMF 2.5 FU BLZ PE 10-36V SW	50	1162830000
WMF 2.5 FU BLZ PE 30-70V SW	50	1162840000
WMF 2.5 FU BLZ PE 60-150V SW	50	1162850000
WMF 2.5 FU BLZ PE 100-250V SW	50	1162860000
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	
ZOV 2.5N	2-pole
	3-pole
	10-pole
	20-pole
Screwdriver	
SD acc. to DIN 5264-A	
Module connector (max. 250 V)	
	Without fittings
	With wire jumper
	With 1N4007 diode
Holder for cartridge fuse, 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Fuse levers for fuse or disconnect terminals	
Disconnect plug	
	Yellow Wemid
	Disconnect lever only
Marking tags	
	Printout
DEK	neutral
WS	neutral
WAD cover for unused plug positions	

Type	Qty.	Part No.
AP WMF2.5	1	1142990000
Width		
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