

interfast MS

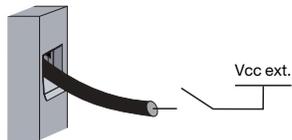


PLC connection interface
16 channels
with screw-clamp connection
Omniconnect product range

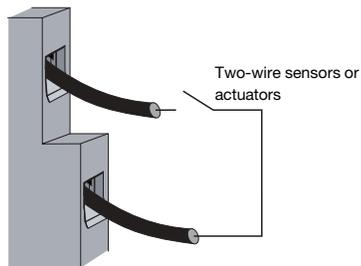
DIN 3

Applications

Single-wire Interface

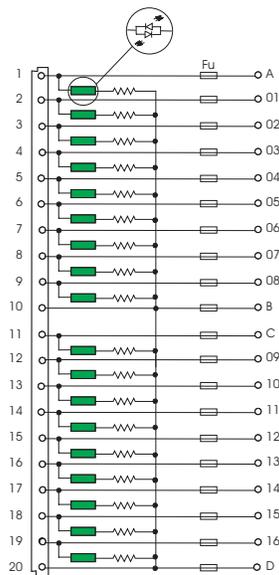
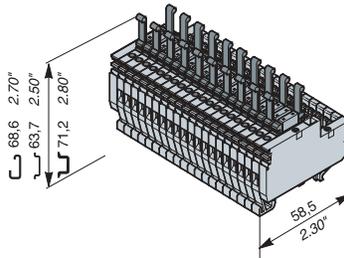


Two-wire Interface



Single-wire interface with fuse on each I/O with terminal blocks MA2,5/5-SFA-CPE

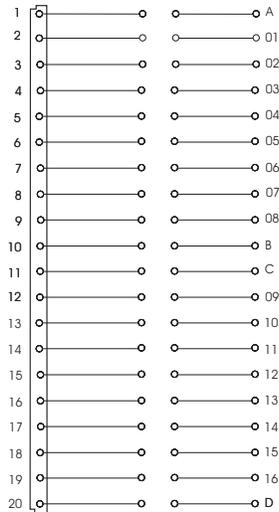
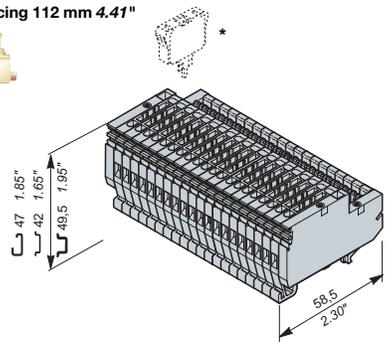
Spacing 112 mm 4.41"



Fuse type: 297 Series Littlefuse

Single-wire interface for BNS5 plug with terminal blocks MA2,5/5-SB-CPE

Spacing 112 mm 4.41"



* Plug must be ordered separately.

References

16 channels without LEDs	2	16
16 channels with LEDs	3	16

Type	Reference
BOM-16-F	0031 013.02
BOM-16-LF	0031 015.04

Type	Reference
BOM-16-PCD	0031 162.14

Characteristics

	Without LEDs	With LEDs	Without LEDs	With LEDs
Max. voltage	32 V	30 V DC	250 V	30 V DC
Maximum current per point	2 A		2 A	
Max. current in common wires	3 A		5 A	
Current per LED		5 mA		5 mA
Fuse on the power supply	3 A			
Fuse per point	2 A			
Test voltage	0,5 kV	0,5 kV	3 kV	0,5 kV
Operating temperature	- 20°C to + 50°C		- 20°C to + 50°C	
Storage temperature	- 40°C to + 80°C		- 40°C to + 80°C	
Cable connection	Omniconnect		Omniconnect	
Wire capacity	0-2,5 mm ² (14 AWG max.)		0-2,5 mm ² (14 AWG max.)	

Accessories See end of this section

Type	Ref.	Type	Ref.
1 Jumper bar			
2 Jumper bar			
3 Comb jumper		PC5	
4 Connector plate			
5 Fuse plug		BF5 AUTO	
6 Test plug	FC2 Ø 2 mm	FC2 Ø 2 mm	0007 865.26
7 Test device	DCB blue	DCB blue	0105 028.21
8 Coding	COC1	COC1	0299 777.16
9 Plug with solder tags		BNS5	0116 702.24
10 Soldered fuses			
R See section on marking methods	RC510	RC510	

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Multipurpose cables with Omniconnect connector



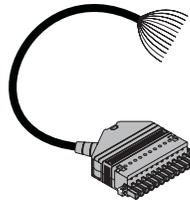
To order UL and CSA certified Interfast cables, see the column titled "Reference with UL cables." UL and CSA cable part numbers are identical.

■ Wire markers optional: Consult us

■ Accessories: see section on ACCESSORIES

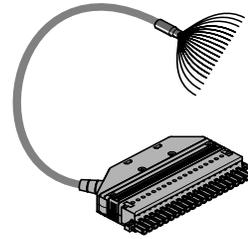
*Recommended cable lengths in boldface type
* Cables UL available only for USA, CANADA, MEXICO*

OMNICONNECT 12 PTS



Wires identified from 1 to 12

OMNICONNECT 20 PTS



Wires identified from 1 to 20

Type of board	Connector interface	Decoupling interface	Type of board	Connector interface	Decoupling interface
I/O DIGITAL		8 Relays / 8 Opto	I/O DIGITAL		16 Relays / 16 Opto

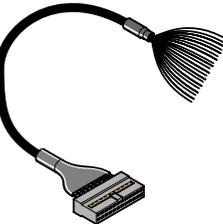
Length	Type of cable	Reference with IEC cables	Reference with UL cables *	Type of cable	Reference with IEC cables	Reference with UL cables *
1 m	LAF100/UNI/OMN12/419	0036 622.16	0037 622.17	LAF100/UNI/OMN20/418	0036 556.14	0037 556.15
1,5 m	LAF150/UNI/OMN12/419	0026 168.25	0028 168.07	LAF150/UNI/OMN20/418	0026 174.13	0028 174.25
2 m	LAF200/UNI/OMN12/419	0026 169.26	0028 169.00	LAF200/UNI/OMN20/418	0026 175.14	0028 175.26
2,5 m	LAF250/UNI/OMN12/419	0026 170.23	0028 170.05	LAF250/UNI/OMN20/418	0026 176.15	0028 176.27
3 m	LAF300/UNI/OMN12/419	0026 171.10	0028 171.22	LAF300/UNI/OMN20/418	0026 177.16	0028 177.20
4 m	LAF400/UNI/OMN12/419	0026 172.11	0028 172.23	LAF400/UNI/OMN20/418	0026 178.27	0028 178.01
5 m	LAF500/UNI/OMN12/419	0026 173.12	0028 173.24	LAF500/UNI/OMN20/418	0026 179.20	0028 179.02

Characteristics

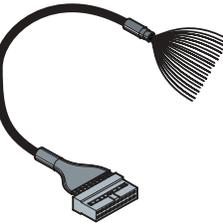
Type of connector	1 Omniconnect 12 points	1 Omniconnect 20 points
Wire size	0,34mm ² - 22 AWG	0,34mm ² - 22 AWG
Resistance/capacity cable	54 Ω/KM - 120 nF/KM	54 Ω/KM - 120 nF/KM
Max. current/Max. voltage	2 A / 250 V	2 A / 250 V

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Multipurpose cables with HE 10/26 connector



Wires identified from 1 to 26



Wires identified from 1 to 20

HE 10/26 PTS

HE 10/20 PTS

Type of board	Connector interface	Decoupling interface	Type of board	Connector interface	Decoupling interface
I/O DIGITAL		16 Opto / 16 Relays	I/O DIGITAL		

Length	Type of cable	Reference with IEC cables	Reference with UL cables *	Type of cable	Reference with IEC cables	Reference with UL cables *
1 m	LAF100/UNI/HE10-26/417	0036 557.15	0037 557.16	LAF100/HE10-20/UNI/401	0036 623.17	0037 623.10
1,5 m	LAF150/UNI/HE10-26/417	0026 180.16	0028 180.20	LAF150/HE10-20/UNI/401	0029 524.15	0034 524.02
2 m	LAF200/UNI/HE10-26/417	0026 181.03	0028 181.15	LAF200/HE10-20/UNI/401	0029 525.16	0034 525.03
2,5 m	LAF250/UNI/HE10-26/417	0026 182.04	0028 182.16	LAF250/HE10-20/UNI/401	0029 526.17	0034 526.04
3 m	LAF300/UNI/HE10-26/417	0026 183.05	0028 183.17	LAF300/HE10-20/UNI/401	0029 527.10	0034 527.05
4 m	LAF400/UNI/HE10-26/417	0026 184.06	0028 184.10	LAF400/HE10-20/UNI/401	0029 528.21	0034 528.16
5 m	LAF500/UNI/HE10-26/417	0026 185.07	0028 185.11	LAF500/HE10-20/UNI/401	0029 529.22	0034 529.17

■ Wire markers optional: Consult us

■ Accessories: see section on ACCESSORIES

*Recommended cable lengths in boldface type
* Cables UL available only for USA, CANADA, MEXICO*

Characteristics

Type of connector	1 HE 10/26 female points	1 HE 10/20 female points
Wire size	0,34mm ² - 22 AWG	0,34mm ² - 22 AWG
Resistance/capacity cable	54 Ω/KM - 120 nF/KM	54 Ω/KM - 120 nF/KM
Max. current/Max. voltage	1 A / 60 V	1 A / 60 V