

System adapter - MINI MCR-SL-V8-FLK 16-A - 2811268

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Eight MINI analog signal converters with screw connection method can be connected to a control system using a system adapter and system cabling with a minimum of wiring and very low error risk.

Product Features

- For up to eight channels
- Plug and play
- Can be easily snapped onto MINI Analog modules with screw connection technology
- Time-saving wiring solution thanks to unique plug-in concept
- Reduced wiring effort and errors
- System cabling on PLC side



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	74.2 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Width	50.4 mm
Height	46.2 mm
Depth	45.5 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

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Technical data

Ambient conditions

Vibration resistance	≤ 0.7 g
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General

Nominal voltage U_N	30 V AC/DC
Max. current carrying capacity per branch	1 A
Number of positions	16
Status display	No
Test voltage	500 V (50 Hz, 1 min. from channel to channel)
Assembly instructions	In rows with zero spacing
Inflammability class according to UL 94	V0
Labeling option	Zack marker strip SS-ZB
Contact resistance	< 10 mΩ
Current carrying capacity	≤ 1 A
Standards/regulations	IEC 60664
	IEC 60664 A
	DIN VDE 0110
Pollution degree	2
Surge voltage category	III
Conformance	CE-compliant
ATEX	# II 3 G Ex nA IIC T4 Gc X
UL, USA / Canada	UL 508 Recognized
GL	GL EMC 2 D

Connection data for connection 1

Connection name	Signal level
Connection method	Flat-ribbon cable connector in acc. with IEC 60603-13

Classifications

eCl@ss

eCl@ss 4.0	27210107
eCl@ss 4.1	27210107
eCl@ss 5.0	27210107
eCl@ss 5.1	27210107
eCl@ss 6.0	27210107
eCl@ss 7.0	27210107
eCl@ss 8.0	27210107

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Classifications

ETIM

ETIM 2.0	EC001485
ETIM 3.0	EC001485
ETIM 4.0	EC001485
ETIM 5.0	EC001485

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GL / cULus Recognized


Ex Approvals

ATEX

Approvals submitted

Approval details

UL Recognized 

cUL Recognized 
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GL

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Approvals

cULus Recognized 

Accessories

Accessories

Feed-through terminal block

Feed-through terminal block - MINI MCR-SL-TB - 2811420



Feed-through terminal block for transmission of signals that are already electrically isolated

Front adapter

System connectors - FLKM 16-PA-S300/MINI-MCR - 2314749



VARIOFACE front adapter, for SIMATIC® S7-300, only in connection with MINI MCR-SL-V8-FLK 16-A. Connectable cards: 331-7KF02-0AB0, 331-7KB02-0AB0 und 331-7TF0-0AB01.

System cable

Cable - FLK 16/EZ-DR/ 300/KONFEK - 2299330



Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 3 m

Cable - CABLE-40/2FLK16/ 2,0M/YUC - 2321334



Round cable with a molded 40-pos. socket strip and two 16-pos. socket strips for connecting two 8-channel MINI analog system adapters. No. of positions: 40/ 2 x 16; The cable is suitable for the analog cards AAI141 and AAI143. Cable length: 2 m

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Accessories

Cable - CABLE-40/2FLK16/ 4,0M/YUC - 2321347



Round cable with a molded 40-pos. socket strip and two 16-pos. socket strips for connecting two 8-channel MINI analog system adapters. No. of positions: 40/ 2 x 16; The cable is suitable for the analog cards AAI141 and AAI143. Cable length: 4 m

Cable - CABLE-40/2FLK16/10,0M/YUC - 2321350



Round cable with a molded 40-pos. socket strip and two 16-pos. socket strips for connecting two 8-channel MINI analog system adapters. No. of positions: 40/ 2 x 16; The cable is suitable for the analog cards AAI141 and AAI143. Cable length: 10 m

Cable - CABLE-40/2FLK16/15,0M/YUC - 2321376



Round cable with a molded 40-pos. socket strip and two 16-pos. socket strips for connecting two 8-channel MINI analog system adapters. No. of positions: 40/ 2 x 16; The cable is suitable for the analog cards AAI141 and AAI143. Cable length: 15 m

Cable - CABLE-40/2FLK16/20,0M/YUC - 2321363

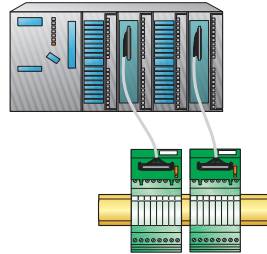


Round cable with a molded 40-pos. socket strip and two 16-pos. socket strips for connecting two 8-channel MINI analog system adapters. No. of positions: 40/ 2 x 16; The cable is suitable for the analog cards AAI141 and AAI143. Cable length: 20 m

Drawings

System adapter - MINI MCR-SL-V8-FLK 16-A - 2811268

Application drawing



MINI Analog system cabling

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