

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

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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.

Key commercial data

package_quantity	1
GTIN	4046356155205

Technical data

General

Nominal voltage U_N	30 V AC/DC
Max. permissible current	50 mA (per path)
Max. permissible current	500 mA (per connection, supply via separate power supply)
Connection type, connector	IDC/FLK pin strip (2.54 mm)
Number of connectors	1
No. of positions, connector	16
Number of positions	16
Mounting position	Any
Standards/regulations	DIN EN 50178
Standards/regulations	IEC 62103
Rated surge voltage / insulation	0.5 kV / basic insulation
Rated insulation voltage	50 V
Pollution degree	2
Surge voltage category	II
Nominal operating mode	100% operating factor

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Degree of protection	IP20

Connection data, power supply

Connection method	Screw connection
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section solid min.	0.14 mm ²

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Connection data, power supply

Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16

Supported controller

Control	SIEMENS S7-300 / ET 200 M
- suitable I/O card	6ES7 331-7KF02-0AB0
- suitable I/O card	6ES7 331-7KB02-0AB0
- suitable I/O card	6ES7 331-7TF01-0AB0

classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27249205
eCl@ss 7.0	27249205
eCl@ss 8.0	27249205

ETIM

ETIM 2.0	EC000237
ETIM 3.0	EC000237
ETIM 4.0	EC000237
ETIM 5.0	EC000237

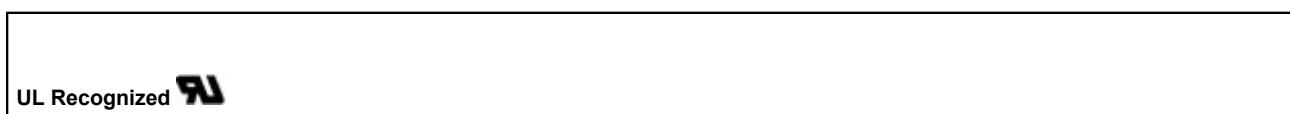
UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121421

approvals

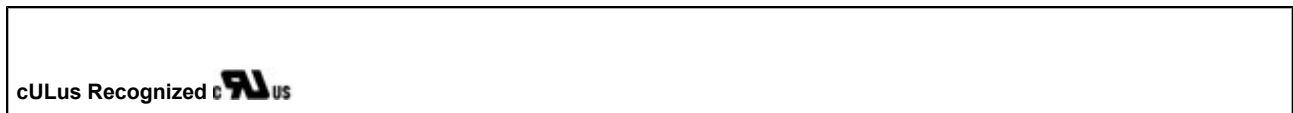
UL Recognized / cUL Recognized / cULus Recognized /

Approval details



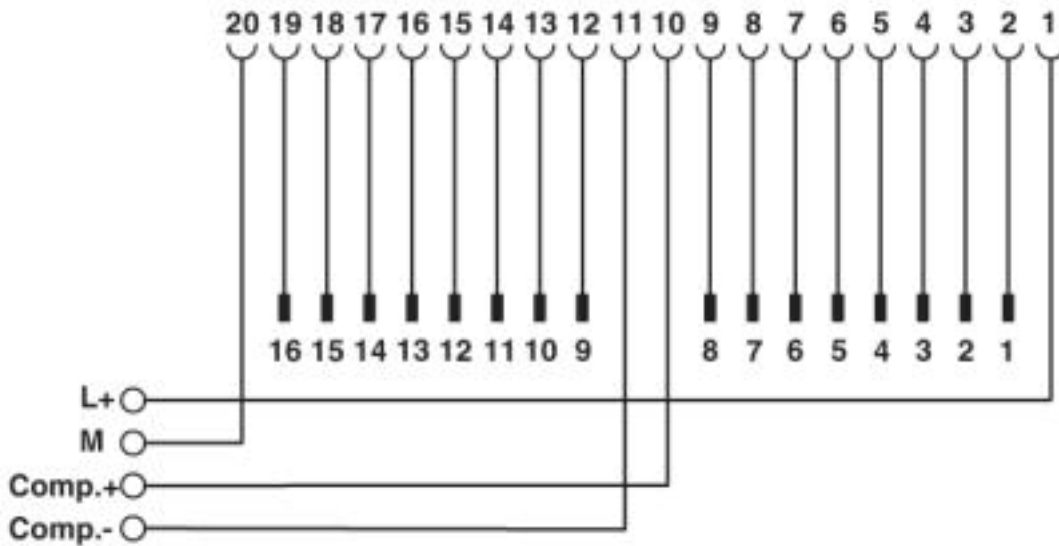
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approvals



Drawings

Circuit diagram



FLKM 16-PA-S300/MINI-MCR connection scheme

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