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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

Packing unit	1 STK
GTIN	 4 046356 155205

Technical data

Ambient conditions

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

General

Nominal voltage U_N	< 50 V AC
	60 V DC
Max. permissible current	50 mA (per path)
	500 mA (per connection, supply via separate power supply)
Mounting position	any
Nominal operating mode	100% operating factor
Degree of protection	IP20
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (Functional insulation)
Degree of pollution	2
Overvoltage category	II

Connection data 1

Connection name	Field level
Connection method	IDC/FLK pin strip (2.54 mm)
Number of connections	1

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Technical data

Connection data 1

Number of positions	16
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Connection data 2

Connection name	Supply
Connection method	Screw connection
Conductor cross section solid	0.14 mm ² ... 1.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 1.5 mm ²
Conductor cross section AWG	26 ... 16

Supported controller

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

Standards and Regulations

Connection in acc. with standard	CUL
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Degree of pollution	2
Overvoltage category	II

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	27249290
eCl@ss 9.0	27240692

ETIM

ETIM 2.0	EC000237
ETIM 3.0	EC000237
ETIM 4.0	EC000237
ETIM 5.0	EC002584

UNSPSC

UNSPSC 6.01	30211824
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System connectors - FLKM 16-PA-S300/MINI-MCR - 2314749

Classifications

UNSPSC

UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121421

Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 

cUL Recognized 

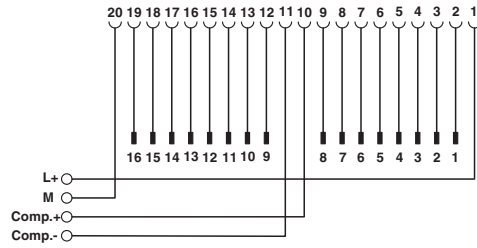
EAC

cULus Recognized 

Drawings

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

Circuit diagram



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

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