

System connectors - FLKM 50-PA-S300 - 2294445

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VARIOFACE front adapter, for Siemens SIMATIC® S7-300, 1 x 32 channels can be connected



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 129767
Weight per Piece (excluding packing)	58.8 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

General

Note	Analog I/O cards To avoid short-circuits, all wire bridges must be disconnected! No voltage supply may be supplied to the front adapter!
	Digital I/O cards Thanks to the existing wire bridge upon delivery, the input and output bytes are non-isolated.
Nominal voltage U_N	< 50 V AC
	60 V DC
Max. permissible current	1 A (per path)
	8 A (per connection, supply via separate power supply (2.8 x 0.8 mm))
Max. permissible total current	2 A (per Byte, for supply via connector)

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Technical data

General

	8 A (during supply via a separate bridged power supply)
Mounting position	any
Degree of protection	IP00
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	Controller level
Channels which can be connected	32

Connection data 2

Connection name	Field level
Connection method	IDC/FLK pin strip (2.54 mm)
Number of connections	1
Number of positions	50

Supported controller

Controller	SIEMENS S7-300 / ET 200 M
- suitable I/O card	CPU 312C
	CPU 313C
	CPU 313C-2DP
	CPU 313C-2PtP
	CPU 314C-2DP
	CPU 314C-2PtP
	6ES7 321-1BL00-0AA0
	6ES7 322-8BH01-0AB0
	6ES7 322-8BH10-0AB0
	6ES7 323-1BL00-0AA0
	6ES7 331-1KF01-0AB0
	6ES7 331-1KF02-0AB0
	6ES7 331-7NF00-0AB0
	6ES7 331-7NF10-0AB0
	6ES7 331-7PF01-0AB0
	6ES7 331-7PF11-0AB0

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Supported controller

	6ES7 332-5HF00-0AB0
	6ES7 350-2AH01-0AE0
	6ES7 357-4AH01-0AE0

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	27242208
eCl@ss 7.0	27242208
eCl@ss 8.0	27249290
eCl@ss 9.0	27240692

ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 5.0	EC002584

UNSPSC

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

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Approvals

Approvals


Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 

cUL Recognized 

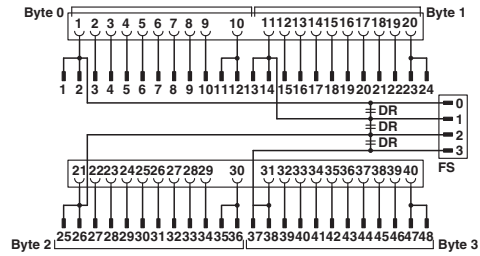
EAC

cULus Recognized 

Drawings

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Circuit diagram



Connection scheme FLKM 50-PA-S300

Mouser Electronics

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