

FLKM-2FLK14/FKDSP-MT/P/HF/S7 - Passive module



2296896

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VARIOFACE termination board for Siemens SIMATIC® S7-300, for max. 16 channels with SIMATIC®-specific marking (1 - 20) and additional 18 connection terminal blocks (positive potential).

Commercial data

Item number	2296896
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK218S
GTIN	4017918729455
Weight per piece (including packing)	295.1 g
Weight per piece (excluding packing)	295.1 g
Customs tariff number	85369010
Country of origin	DE

Technical data

Product properties

Product type	Interface module
Product family	VARIOFACE
Operating mode	100% operating factor

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 30 V DC
Current (per branch)	≤ 1 A
Current (Voltage supply)	≤ 9 A

Air clearances and creepage distances

Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (1.2/50 μs)

Supported controller: SIEMENS S7-300 / ET 200 M

Suitable I/O card	6ES7331-7KF02-0AB0
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Connection data

Connection 1 (control level)

Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK pin strip
Number of connections	2
Number of positions	14
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Connection 2 (field level)

Connection method	Push-in spring connection
Stripping length	10 mm
Number of connections	2
Number of positions	18
Conductor cross-section rigid	0.2 mm ² ... 1.5 mm ²
Conductor cross-section flexible	0.2 mm ² ... 1.5 mm ²
	0.25 mm ² ... 1.5 mm ² (Ferrule without plastic sleeve)
	0.25 mm ² ... 1.5 mm ² (Ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 16
Pitch	5.08 mm

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Connection 3 (field level)

Connection method	PCB terminal block
Type	PCB isolating plugs
Number of connections	2
Number of positions	18
Pitch	5.08 mm

Connection 4 (supply)

Connection method	Push-in spring connection
Number of connections	1
Number of positions	4
Conductor cross-section rigid	0.2 mm ² ... 1.5 mm ²
Conductor cross-section flexible	0.2 mm ² ... 1.5 mm ²
	0.25 mm ² ... 1.5 mm ² (Ferrule without plastic sleeve)
	0.25 mm ² ... 1.5 mm ² (Ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 16
Pitch	5.08 mm

Connection 5 (supply)

Connection method	PCB terminal block
Type	PCB isolating plugs
Number of connections	1
Number of positions	4

Dimensions

Item dimensions

Width	134.85 mm
Height	77 mm
Depth	93.67 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection (Module)	IP00
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

Approvals

UKCA

Certificate	UKCA-compliant
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Standards and regulations

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Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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Mounting

Mounting type	DIN rail mounting
Mounting position	any

Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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Classifications

ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

ETIM

ETIM 10.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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