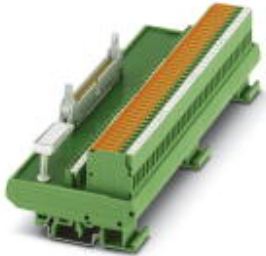


Passive module - FLKM 50/KDS3-MT/PPA/PLC - 2290614

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VARIOFACE interface module, for 32 channels with knife disconnect terminal blocks and test sockets to the peripherals and the system

Why buy this product

- Byte-by-byte labeling
- Can be used for digital I/O modules



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 058142
GTIN	4017918058142
Weight per Piece (excluding packing)	489.500 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Width	214 mm
Height	77 mm
Depth	61 mm

Ambient conditions

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

General

Passive module - FLKM 50/KDS3-MT/PPA/PLC - 2290614

Technical data

General

Max. perm. operating voltage	60 V DC
Max. perm. current (per branch)	1 A
Max. permissible current (separate power supply)	2 A (per byte)
Number of positions	50
Status display	No
Mounting position	any
Degree of protection	IP00

Connection data for connection 1

Connection name	Field level
Connection method	Screw connection with disconnect knife
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Connection data for connection 2

Connection name	Controller level
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	50
Pitch	2.54 mm

Supported controller

Controller	SIEMENS S7-400
- suitable I/O card	6ES7 421-1BL01-0AA0
	6ES7 422-1BL00-0AA0
	6ES7 422-7BL00-0AB0
Controller	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-IB32
	1756-OB32
Controller	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 IBN
	1771 OBN
Controller	HONEYWELL Experion PKS C200
- suitable I/O card	TC-IDD 321
	TC-ODD 321
Controller	MITSUBISHI MELSEC L

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Technical data

Supported controller

- suitable I/O card	LX41C4
	LX42C4
	LY41NT1P
	LY42NT1P
	LY41PT1P
	LY42PT1P
Controller	mitsubishi MELSEC Q
- suitable I/O card	QX81
	QY81P
	QX41
	QX41-S1
	QX42
	QX42-S1
	QX71
	QX72
	QY41P
	QY42P
	QY71
	QH42P
	QX82
	QX82-S1
	QY82P
Controller	Schneider Electric Modicon TSX QUANTUM
- suitable I/O card	DDI 353
	DDI 853
	DAI 353
	DAI 453
	DDO 353
Controller	SIEMENS S7-300 / ET 200 M
- suitable I/O card	CPU 313C-2DP
	CPU 314C-2DP
	CPU 314C-2PtP
	6ES7 321-1BL00-0AA0
	6ES7 322-1BL00-0AA0
	6ES7 323-1BL00-0AA0
	CPU 313C
	CPU 313C-2PtP

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Technical data

Supported controller

Controller	GE-FANUC RX3i
- suitable I/O card	IC694MDL754
	IC694MDL660
Controller	SIEMENS S7-1500
- suitable I/O card	6ES7 521-1BL00-0AB0
	6ES7 522-1BL00-0AB0
	6ES7 522-1BL01-0AB0

Standards and Regulations

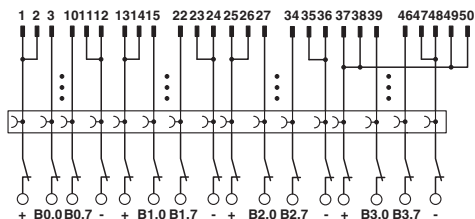
Standards/regulations	DIN EN 50178
	IEC 60664
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (Functional insulation)
Degree of pollution	2
Overvoltage category	II
Mounting position	any

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Circuit diagram



FLKM 50/KDS3-MT/PPA/PLC connection scheme

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313

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Classifications

eCl@ss

eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

ETIM

ETIM 5.0	EC002780
ETIM 6.0	EC002780

UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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Approvals

EAC		EAC-Zulassung
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UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal current IN		1 A	
Nominal voltage UN		24 V	

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal current IN		1 A	
Nominal voltage UN		24 V	

cULus Listed		
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