

## Passive module - UM 45-FLK14/ZFKDS/PLC - 2965172

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VARIOFACE COMPACT LINE, interface module for 8 channels, for assembly on DIN rail NS 35/7.5

### Your advantages

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



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 125172
GTIN	4017918125172
Weight per Piece (excluding packing)	43.550 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Width	59 mm
Height	45 mm
Depth	50 mm

#### Ambient conditions

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

#### General

Nominal voltage $U_N$	60 V DC
Max. perm. current (per branch)	1 A

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## Technical data

### General

Max. permissible current (separate power supply)	3 A
Number of positions	14
Status display	No
Mounting position	any

### Connection data for connection 1

Connection name	Field level
Connection method	Spring-cage connection
Stripping length	8 mm
Conductor cross section solid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 14

### Connection data for connection 2

Connection name	Controller level
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	14

### Supported controller

Controller	ABB S800 I/O
- suitable I/O card	DI810
	DI811
	DI814
	DI818
	DI830
	DI831
	DI840
	DO810
	DO814
	DO818
	DO840
Controller	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-IB32
	1756-OB32
	1756-IN16
	1756-IB16
	1756-IC16
	1756-OB16E
Controller	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 IBN
	1771 OBN

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### Technical data

#### Supported controller

Controller	ALLEN-BRADLEY SLC 500
- suitable I/O card	1746 OB16
	1746 OV16
	1746 OG16
	1746 IA16
	1746 ITB16
	1746 IN16
	1746 IV16
	1746 ITV16
	1746 IG16
	1746 OB 32
	1746 OV 32
	1746 IB 32
	1746 IV 32
	1746 IB16
Controller	GE-FANUC 90-30
- suitable I/O card	IC693 MDL241
	IC693 MDL634
	IC693 MDL645
	IC693 MDL646
	IC693 MDL732
	IC693 MDL733
	IC693 MDL740
	IC693 MDL741
	IC693 MDL742
Controller	GE-FANUC RX3i
- suitable I/O card	IC694MDL754
	IC694MDL660
Controller	HONEYWELL Experion PKS C200
- suitable I/O card	TC-IDD 321
	TC-ODD 321
Controller	MITSUBISHI MELSEC L
- suitable I/O card	LX41C4
	LX42C4
	LY41NT1P
	LY42NT1P
	LY41PT1P
	LY42PT1P
Controller	MITSUBISHI MELSEC Q
- suitable I/O card	QX81

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### Technical data

#### Supported controller

	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 321-1BH02-0AA0
	6ES7 321-1BL00-0AA0
	6ES7 322-1BH01-0AA0
	6ES7 322-1BL00-0AA0
	6ES7 323-1BH01-0AA0
	6ES7 323-1BL00-0AA0
	6ES7 321-1BH10-0AA0
	6ES7 322-1BH10-0AA0
	CPU 313C
	CPU 313C-2PtP
Controller	SIEMENS S7-400
- suitable I/O card	6ES7 421-1BL01-0AA0
	6ES7 422-1BL00-0AA0
	6ES7 422-7BL00-0AB0

#### Standards and Regulations

Connection in acc. with standard	CUL
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## Technical data

### Standards and Regulations

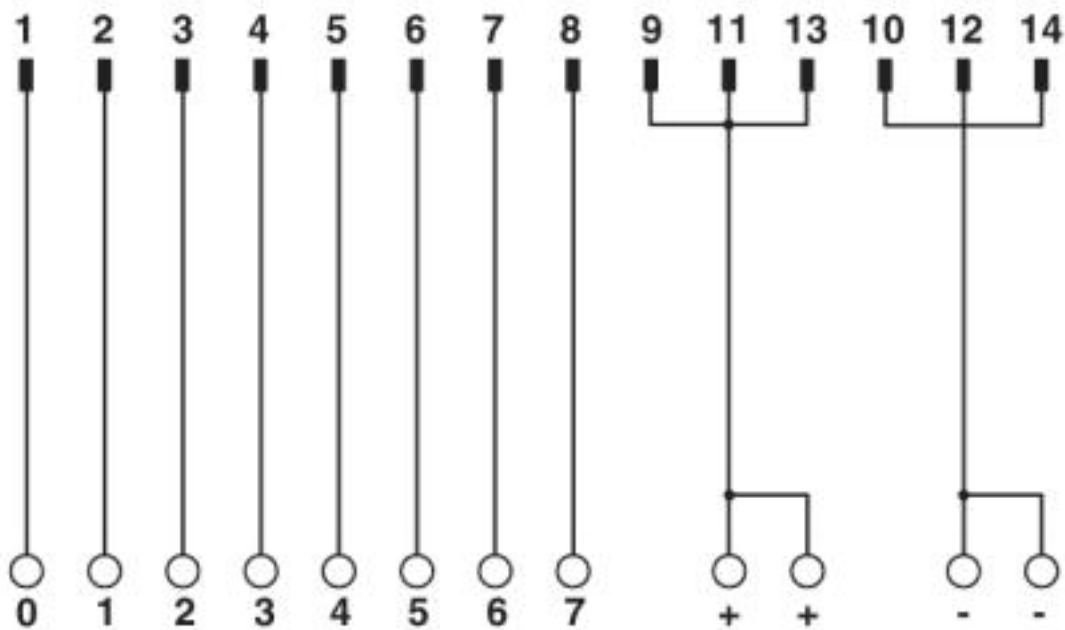
Standards/regulations	IEC 60664
	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV
Insulation	Functional insulation
Pollution degree	2
Overvoltage category	II

### 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



UM 45-FLK14/ZFKDS/PLC connection scheme

## Classifications

eCl@ss

eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27371600
eCl@ss 5.1	27371600

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## Classifications

### eCl@ss

eCl@ss 6.0	27371600
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

### ETIM

ETIM 5.0	EC002780
ETIM 6.0	EC002780
ETIM 7.0	EC002780

### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121432
UNSPSC 18.0	39121432
UNSPSC 19.0	39121432
UNSPSC 20.0	39121432
UNSPSC 21.0	39121432

## Approvals

### Approvals

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#### Approvals


UL Recognized / cUL Recognized / EAC / cULus Recognized

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#### Ex Approvals


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### Approval details


UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
Nominal voltage UN	125 V		
Nominal current IN	2 A		

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EAC		RU C- DE.A*30.B.01742
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cULus Recognized	
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