

## Passive module - UM 45-FLK14/LA/ZFKDS/PLC - 2965334

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VARIOFACE COMPACT LINE, interface module for 8 channels, with LED, for assembly on DIN rail NS 35/7.5, spring-cage connection

### Your advantages

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



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 126339
GTIN	4017918126339

### 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

Max. perm. operating voltage	30 V DC
Max. perm. current (per branch)	1 A
Max. permissible current (separate power supply)	3 A
Number of positions	14
Status display	LED
Mounting position	any

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## Technical data

### General

Degree of protection	IP00
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### 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
	DI818
	DI830
	DI840
	DO810
	DO840
Controller	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-IB32
	1756-OB32
	1756-IB16
	1756-OB16E
Controller	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 IBN
	1771 OBN
Controller	ALLEN-BRADLEY SLC 500
- suitable I/O card	1746 OB16
	1746 IB16
	1746 ITB16
	1746 IN16
	1746 OB 32
	1746 IB 32
Controller	GE-FANUC 90-30
- suitable I/O card	IC693 MDL241
	IC693 MDL634

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### Technical data

#### Supported controller

	IC693 MDL645
	IC693 MDL646
	IC693 MDL732
	IC693 MDL740
	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
	QY81P
	QX41
	QX41-S1
	QX42
	QX42-S1
	QY41P
	QY42P
	QH42P
	QX82
	QX82-S1
	QY82P
Controller	Schneider Electric Modicon TSX QUANTUM
- suitable I/O card	DDI 353
	DDI 853
	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

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## Technical data

### Supported controller

	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

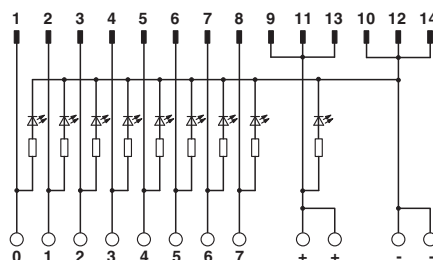
Connection in acc. with standard	CUL
Standards/regulations	IEC 60664
	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV
Insulation	Functional insulation
Degree of pollution	2
Overvoltage category	II

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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/LA/ZFKDS/PLC connection scheme

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## 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		24 V	

cUL 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		24 V	

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