

Passive module - UM 45-FLK50/ZFKDS/PLC - 2965198

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)




VARIOFACE COMPACT LINE, interface module for 32 channels, for assembly on DIN rail NS 35/7.5, spring-cage connection

Why buy this product

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



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 125189
Weight per Piece (excluding packing)	114.48 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Width	126 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. current carrying capacity per branch	1 A
Max. total current of voltage supply	2 A (per byte)
Number of positions	50

Passive module - UM 45-FLK50/ZFKDS/PLC - 2965198

Technical data

General

Status display	No
Test voltage	500 V (50 Hz, 1 min.)
Mounting position	any
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Pollution degree	2
Surge voltage category	II
Rated surge voltage	0.8 kV

Connection data for connection 1

Connection name	Field level
Connection method	Spring-cage connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Stripping length	8 mm

Connection data for connection 2

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

Supported controller

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

Passive module - UM 45-FLK50/ZFKDS/PLC - 2965198

Technical data

Supported controller

- suitable I/O card	LX41C4
	LX42C4
	LY41NT1P
	LY42NT1P
	LY41PT1P
	LY42PT1P
Control	mitsubishi MELSEC Q
- suitable I/O card	QX81
	QY81P
	QX41
	QX41-S1
	QX42
	QX42-S1
	QX71
	QX72
	QY41P
	QY42P
	QY71
	QH42P
	QX82
	QX82-S1
Control	Schneider Electric MODICON TSX QUANTUM
- suitable I/O card	DDI 353
	DDI 853
	DAI 353
	DAI 453
	DDO 353
Control	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
Control	GE-FANUC RX3i
- suitable I/O card	IC694MDL754
	IC694MDL660

Passive module - UM 45-FLK50/ZFKDS/PLC - 2965198

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	27371601
eCl@ss 7.0	27371601
eCl@ss 8.0	27371601

ETIM

ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

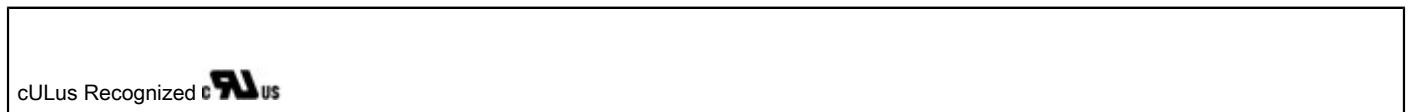
Approvals submitted

Approval details

UL Recognized 

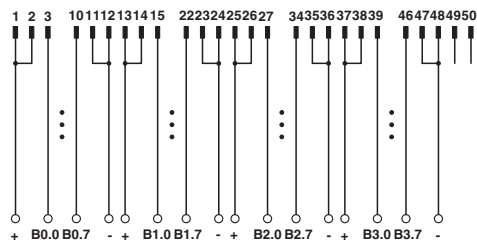
Passive module - UM 45-FLK50/ZFKDS/PLC - 2965198

Approvals



Drawings

Circuit diagram



UM 45-FLK50/ZFKDS/PLC connection scheme