

Communication module - UM 45-FLK50/ZFKDS/S7-300 - 2968111

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 interface module for Siemens SIMATIC® S7-300, with SIMATIC®-specific labeling (1 - 40), with spring-cage connection, module width: 126 mm

Product Features

- Numerical labeling (1 - 40)
- Specifically for S7 300

Key commercial data

package_quantity	1
GTIN	4017918423131

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
Number of positions	50
Status display	No
Test voltage	500 V (50 Hz, 1 min.)
Test voltage contact/contact	0.5 kV AC
Mounting position	Any
Standards/regulations	IEC 60664
Standards/regulations	DIN EN 50178
Standards/regulations	IEC 62103
Pollution degree	2
Surge voltage category	II

Communication module - UM 45-FLK50/ZFKDS/S7-300 - 2968111

Technical data

General

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.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Stripping length	6 mm
Screw thread	M3

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 S7-300 / ET 200 M
- suitable I/O card	CPU 313C-2DP
- suitable I/O card	CPU 314C-2PtP
- suitable I/O card	6ES7 321-1BL00-0AA0
- suitable I/O card	6ES7 322-1BL00-0AA0
- suitable I/O card	6ES7 323-1BL00-0AA0
- suitable I/O card	6ES7 331-7NF00-0AB0
- suitable I/O card	6ES7 331-7PF01-0AB0
- suitable I/O card	6ES7 331-7PF11-0AB0
- suitable I/O card	6ES7 350-2AH01-0AE0
- suitable I/O card	6ES7 357-4AH01-0AE0
- suitable I/O card	CPU 314C-2DP
- suitable I/O card	6ES7 332-5HF00-0AB0
- suitable I/O card	6ES7 331-7NF10-0AB0
- suitable I/O card	6ES7 331-1KF01-0AB0
- suitable I/O card	CPU 313C
- suitable I/O card	CPU 313C-2PtP
Control	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 OBN

Communication module - UM 45-FLK50/ZFKDS/S7-300 - 2968111

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	27242208
eCl@ss 7.0	27242208
eCl@ss 8.0	27242208

ETIM

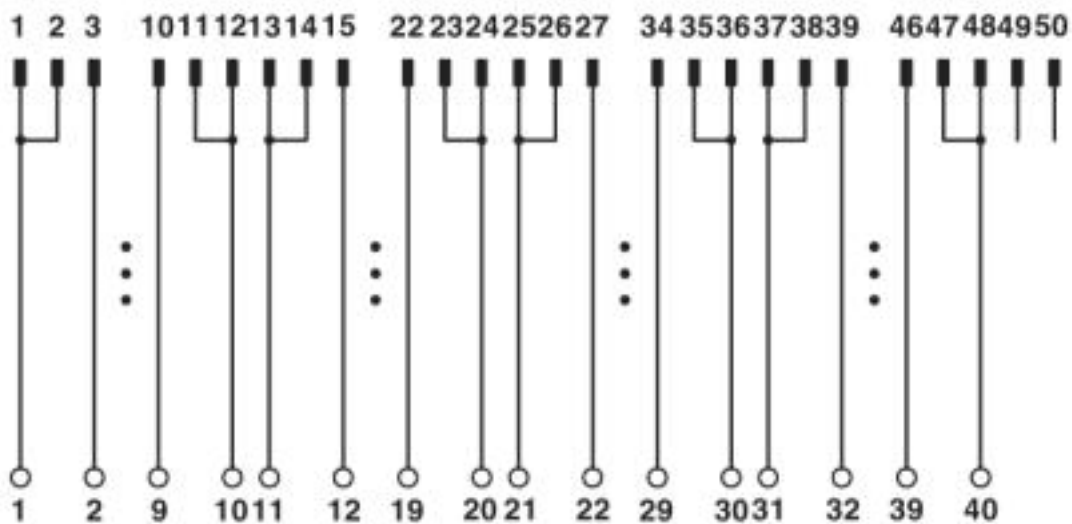
ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 5.0	EC001437

UNSPSC

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

Drawings

Circuit diagram



UM 45-FLK50/ZFKDS/S7-300 connection scheme