

## Interface module - UM 45-FLK50/ZFKDS/S7-300 - 2968111

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

### Your advantages

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

### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918423131
Weight per Piece (excluding packing)	143.170 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

### 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
Maximum altitude	< 2000 m
Degree of protection	IP00
	≥ IP54 (Installation location)

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## Technical data

### General

Nominal voltage $U_N$	< 50 V DC
	< 25 V AC
Max. perm. current (per branch)	1 A
Number of positions	50
Status display	No
Mounting position	any

### Connection data

Connection name	Field level
Connection method	Spring-cage connection
Stripping length	6 mm
Number of positions	40
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 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 S7-300 / ET 200 M
- suitable I/O card	CPU 313C-2DP
	CPU 314C-2PtP
	6ES7 321-1BL00-0AA0
	6ES7 322-1BL00-0AA0
	6ES7 323-1BL00-0AA0
	6ES7 331-7NF00-0AB0
	6ES7 331-7PF01-0AB0
	6ES7 331-7PF11-0AB0
	6ES7 350-2AH01-0AE0
	6ES7 357-4AH01-0AE0
	CPU 314C-2DP
	6ES7 332-5HF00-0AB0
	6ES7 331-7NF10-0AB0
	6ES7 331-1KF01-0AB0
	CPU 313C
	CPU 313C-2PtP
Controller	ALLEN-BRADLEY PLC 5

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## Technical data

### Supported controller

- suitable I/O card	1771 OBN
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### Standards and Regulations

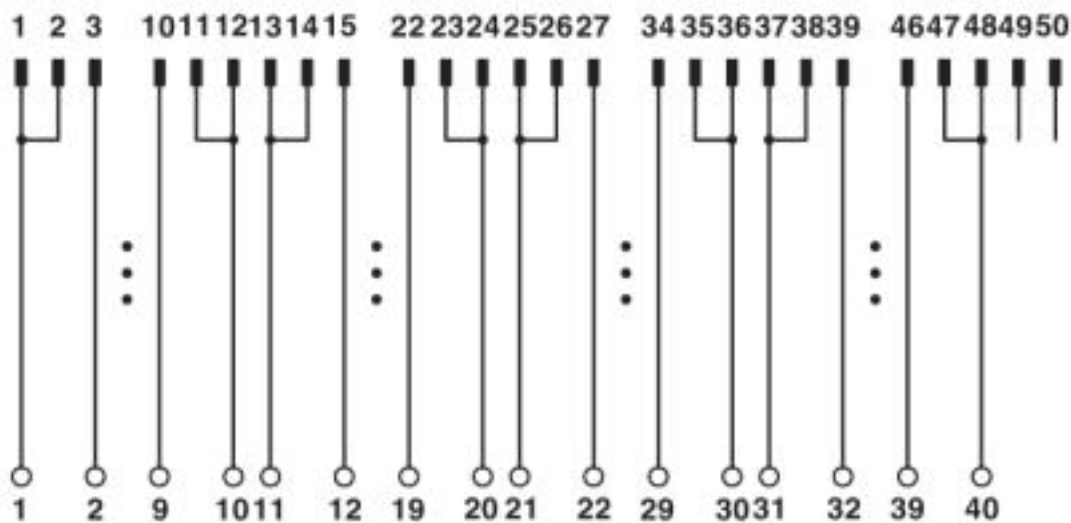
Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178: 1998-04
Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 µs)
Insulation	Functional insulation
Pollution degree	2
Overvoltage category	II

### 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-FLK50/ZFKDS/S7-300 connection scheme

## Classifications

eCl@ss

eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27242700
eCl@ss 5.1	27242700

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## Classifications

### eCl@ss

eCl@ss 6.0	27242200
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


EAC

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#### Ex Approvals

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### Approval details

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