

Interface module - UM 45-FLK50/ZFKDS - 2293585

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VARIOFACE module, with spring-cage connection and flat-ribbon cable connector, for mounting on NS 35/7.5, 50-pos.

The figure shows a 20-position version



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 120481
GTIN	4017918120481
Weight per Piece (excluding packing)	170.000 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Width	151 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	< 50 V AC
	60 V DC

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Technical data

General

Max. perm. current (per branch)	1 A
Number of positions	50
Status display	No
Mounting position	any
Degree of protection	IP00

Connection data for connection 1

Connection name	Field level
Connection in acc. with standard	IEC / EN
Connection method	Spring-cage connection
Stripping length	8 mm
Conductor cross section solid	0.2 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 1.5 mm ²
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	50

Supported controller

Controller	SIEMENS S7-400
- suitable I/O card	6ES7 431-0HH0-0AB0
	6ES7 431-1KF00-0AB0
	6ES7 431-1KF10-0AB0
	6ES7 431-1KF20-0AB0
	6ES7 431-7KF00-0AB0
	6ES7 431-7KF10-0AB0
	6ES7 431-7QH00-0AB0
	6ES7 432-1HF00-0AB0

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

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Technical data

Standards and Regulations

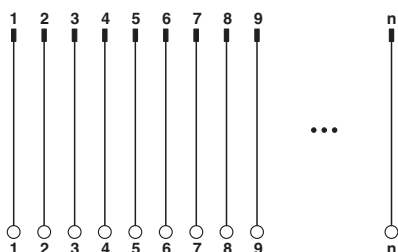
Degree of pollution	2
Overvoltage category	II

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



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 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

ETIM

ETIM 4.0	EC002780
ETIM 5.0	EC002780
ETIM 6.0	EC002780

UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421

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Classifications

UNSPSC

UNSPSC 12.01	39121421
UNSPSC 13.2	39121432

Approvals

Approvals

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UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal current IN		1 A		
Nominal voltage UN		125 V		

cUL Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal current IN		1 A		
Nominal voltage UN		125 V		

EAC		EAC-Zulassung
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EAC		7500651.22.01.00246
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Approvals

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

Accessories

Accessories

Screwdriver tools

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

System cable

Cable - FLK 50/EZ-DR/ 50/KONFEK - 2289065



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 0.5 m

Cable - FLK 50/EZ-DR/ 100/KONFEK - 2289078



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 1 m

Cable - FLK 50/EZ-DR/ 150/KONFEK - 2289081



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 1.5 m

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Accessories

Cable - FLK 50/EZ-DR/ 200/KONFEK - 2289094



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 2 m

Cable - FLK 50/EZ-DR/ 250/KONFEK - 2289104



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 2.5 m

Cable - FLK 50/EZ-DR/ 300/KONFEK - 2289117



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 3 m

Cable - FLK 50/EZ-DR/ 350/KONFEK - 2289120



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 3.5 m

Cable - FLK 50/EZ-DR/ 400/KONFEK - 2289133



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 4 m

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Accessories

Cable - FLK 50/EZ-DR/ 450/KONFEK - 2289573



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 4.5 m

Cable - FLK 50/EZ-DR/ 500/KONFEK - 2289586



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 5 m

Cable - FLK 50/EZ-DR/ 550/KONFEK - 2289599



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 5.5 m

Cable - FLK 50/EZ-DR/ 600/KONFEK - 2289609



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 6 m

Cable - FLK 50/EZ-DR/ 650/KONFEK - 2289612



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 6.5 m

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Accessories

Cable - FLK 50/EZ-DR/ 700/KONFEK - 2289625



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 7 m

Cable - FLK 50/EZ-DR/ 750/KONFEK - 2289638



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 7.5 m

Cable - FLK 50/EZ-DR/ 800/KONFEK - 2289641



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 8 m

Cable - FLK 50/EZ-DR/ 850/KONFEK - 2289654



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 8.5 m

Cable - FLK 50/EZ-DR/ 900/KONFEK - 2289667



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 9 m

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Accessories

Cable - FLK 50/EZ-DR/ 950/KONFEK - 2289670



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 9.5 m

Cable - FLK 50/EZ-DR/1000/KONFEK - 2289683



Round cable set; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 10 m

Cable - FLK EZ-DR.../.../... - 2295059



Round cable, with preassembly, not shielded, variable cable length

Cable - FLK 50/EZ-DR/ 50/KONFEK/S - 2299097



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); Cable length: 0.5 m

Cable - FLK 50/EZ-DR/ 100/KONFEK/S - 2299107



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); Cable length: 1 m

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Accessories

Cable - FLK 50/EZ-DR/ 150/KONFEK/S - 2299110



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); Cable length: 1.5 m

Cable - FLK 50/EZ-DR/ 200/KONFEK/S - 2299123



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); Cable length: 2 m

Cable - FLK 50/EZ-DR/ 300/KONFEK/S - 2299136



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); Cable length: 3 m

Cable - FLK 50/EZ-DR/ 400/KONFEK/S - 2299149



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); Cable length: 4 m

Cable - FLK 50/EZ-DR/ 600/KONFEK/S - 2299152



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); Cable length: 6 m

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Accessories

Cable - FLK 50/EZ-DR/ 800/KONFEK/S - 2299165



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); Cable length: 8 m

Cable - FLK 50/EZ-DR/1000/KONFEK/S - 2299178



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 50-position); Connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); Cable length: 10 m

Cable - FLK EZ-DR-S.../.../... - 2295046



Round cable, with preassembly, shielded, variable cable length
