

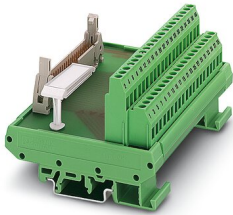
# FLKM 20 - Interface module



2281047

<https://www.phoenixcontact.com/in/products/2281047>

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VARIOFACE module, with screw connection and flat-ribbon cable connector, for mounting on NS 32 or NS 35/7.5, with pin strip and short and long locking latches for socket strips, 20-pos.

## Commercial Data

Item number	2281047
Packing unit	10 pc
Minimum order quantity	1 pc
Sales Key	CK2
Product Key	CK2212
Catalog Page	Page 242 (IF-2007)
GTIN	4017918054496
Weight per Piece (including packing)	114.47 g
Weight per Piece (excluding packing)	1.29 g
Customs tariff number	85369010
Country of origin	DE

## Technical Data

### Product properties

Product type	Interface module
Product family	VARIOFACE
Number of positions	20

### Insulation characteristics

Insulation	Functional insulation
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### Insulation characteristics

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Max. permissible operating voltage	25 V AC
	60 V DC
Max. current carrying capacity per branch	1 A
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV

### Connection data

#### Field level

Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

#### Controller level

Connection method	IDC/FLK pin strip
Number of positions	20
Pitch	2.54 mm

### Signaling

Status display	No
Status display present	No

### Dimensions

Width	56.5 mm
Height	77 mm
Depth	57.5 mm

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## Material specifications

Housing insulation material	Polyamide 6 green
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

## Approvals

### UKCA

Certificate	UKCA-compliant
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## Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

## Mounting

Mounting type	DIN rail mounting
Mounting position	any

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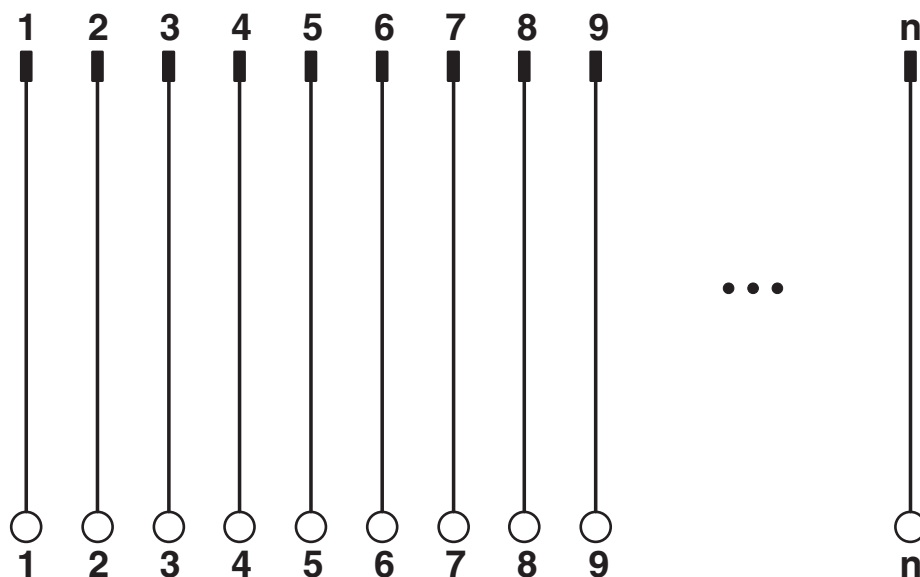
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## Drawings

Circuit diagram



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## Approvals

 <b>cUL Recognized</b> Approval ID: FILE E 118976				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
Field wiring	125 V	1 A	30 - 12	-

 <b>UL Recognized</b> Approval ID: FILE E 118976				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
Field wiring	125 V	1 A	30 - 12	-

 <b>EAC</b> Approval ID: RU C-DE.A*30.B.01742				
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## Classifications

### ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	27141152

### ETIM

ETIM 8.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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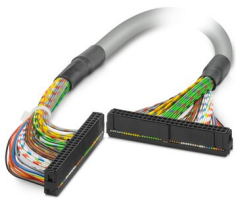
## Accessories

### FLK EZ-DR.../.../... - Cable

2295059

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



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### FLK 20/EZ-DR/ 50KONFEK - Cable

2296391

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 0.5 m





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## FLK 20/EZ-DR/ 100KONFEK - Cable

2296401

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 1 m

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## FLK 20/EZ-DR/ 150KONFEK - Cable

2296472

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 1.5 m

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## FLK 20/EZ-DR/ 200KONFEK - Cable

2296485

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 2 m

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## FLK 20/EZ-DR/ 300KONFEK - Cable

2296498

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 3 m

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## FLK 20/EZ-DR/ 400KONFEK - Cable

2296508

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 4 m

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## FLK 20/EZ-DR/ 800KONFEK - Cable

2296524

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 8 m

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## FLK 20/EZ-DR/1000KONFEK - Cable

2296537

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 10 m

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