

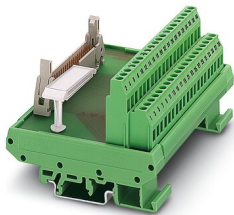
Interface module - FLKM 20



2281047

<https://www.phoenixcontact.com/pc/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
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
Number of positions	20

Insulation characteristics

Overvoltage category	II
Pollution degree	2
Insulation	Functional insulation

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 solid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Controller level

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

LED signaling

Status display	No
Status display present	No

Dimensions

Width	56.5 mm
Height	77 mm
Depth	57.5 mm

Material specifications

Housing insulation material	Polyamide 6 green
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2281047

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

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

Approval data

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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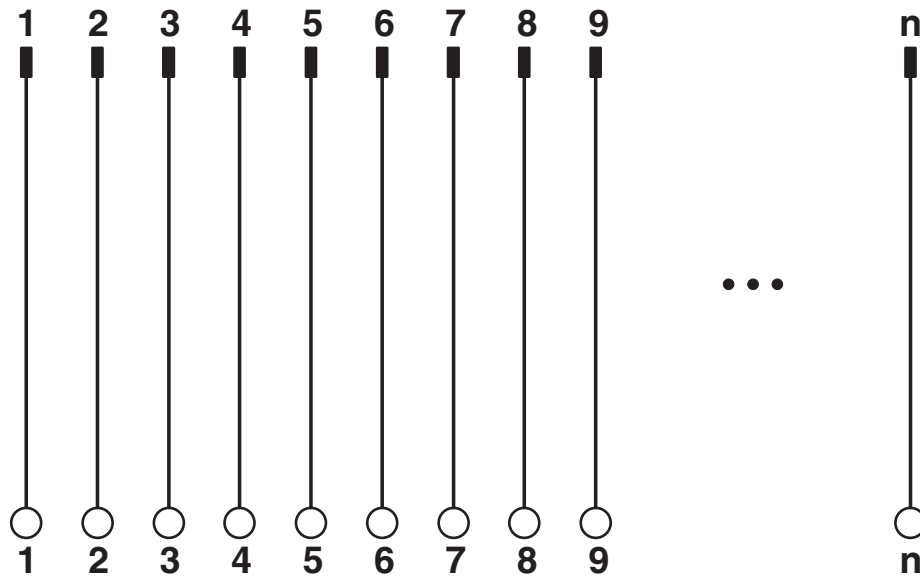
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Drawings

Circuit diagram



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2281047

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Approvals

 cUL Recognized Approval ID: FILE E 118976				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Field wiring	125 V	1 A	30 - 12	-

 UL Recognized Approval ID: FILE E 118976				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Field wiring	125 V	1 A	30 - 12	-

 EAC Approval ID: RU C-DE.A*30.B.01742				
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cULus Recognized				
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2281047

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Classifications

ECLASS

ECLASS-9.0	27141152
ECLASS-10.0.1	27141152
ECLASS-11.0	27141152

ETIM

ETIM 8.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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2281047

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



Environmental Product Compliance

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

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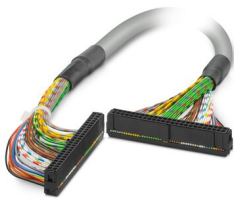
Accessories

Cable

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

<https://www.phoenixcontact.com/pc/products/2295059>

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



Cable

Cable - FLK 20/EZ-DR/ 50KONFEK - 2296391

<https://www.phoenixcontact.com/pc/products/2296391>

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



Interface module - FLKM 20

2281047

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Cable

Cable - FLK 20/EZ-DR/ 100KONFEK - 2296401

<https://www.phoenixcontact.com/pc/products/2296401>



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

Cable

Cable - FLK 20/EZ-DR/ 150KONFEK - 2296472

<https://www.phoenixcontact.com/pc/products/2296472>



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

Interface module - FLKM 20

2281047

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Cable

Cable - FLK 20/EZ-DR/ 200KONFEK - 2296485

<https://www.phoenixcontact.com/pc/products/2296485>



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

Cable

Cable - FLK 20/EZ-DR/ 300KONFEK - 2296498

<https://www.phoenixcontact.com/pc/products/2296498>



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

Interface module - FLKM 20

2281047

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Cable

Cable - FLK 20/EZ-DR/ 400KONFEK - 2296508

<https://www.phoenixcontact.com/pc/products/2296508>



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

Cable

Cable - FLK 20/EZ-DR/ 800KONFEK - 2296524

<https://www.phoenixcontact.com/pc/products/2296524>



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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2281047

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Cable

Cable - FLK 20/EZ-DR/1000KONFEK - 2296537

<https://www.phoenixcontact.com/pc/products/2296537>



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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