

UM 45-FLKS34/ZFKDS - Termination board



2968425

<https://www.phoenixcontact.com/in/products/2968425>

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VARIOFACE module, with three-level spring-cage connection and flat-ribbon cable connector, for mounting on NS 35/7.5, 34-pos.

Commercial data

Item number	2968425
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	*****
Product key	DK21A1
Catalog page	Page 303 (IF-2011)
GTIN	4017918932770
Weight per piece (including packing)	128 g
Weight per piece (excluding packing)	91.05 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

Product type	Interface module
Product family	VARIOFACE
Number of positions	34

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Current (per branch)	≤ 1 A

Air clearances and creepage distances

Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (1.2/50 μs)

Connection data

Connection 1 (control level)

Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	34
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Connection 2 (field level)

Connection method	Spring-cage connection
Stripping length	7.5 mm
Number of positions	36
Conductor cross section rigid	0.2 mm² ... 2.5 mm²
Conductor cross section flexible	0.2 mm² ... 1.5 mm²
	0.2 mm² ... 1.5 mm²
	0.25 mm² ... 1.5 mm² (Ferrule without plastic sleeve)
Conductor cross section flexible (2 conductors with same cross section)	0.25 mm² ... 1.5 mm² (Ferrule with plastic sleeve)
Conductor cross section AWG	24 ... 14
Pitch	5.08 mm

Signaling

Status display present	No
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Dimensions

Item dimensions

Width	86 mm
Height	45 mm
Depth	61 mm

Material specifications

Color	green (RAL 6021)
Housing insulation material	PVC

Environmental and real-life conditions

Ambient conditions

Degree of protection (Module)	IP00
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

Standards and regulations

Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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Mounting

Mounting type	DIN rail mounting
Mounting position	any

Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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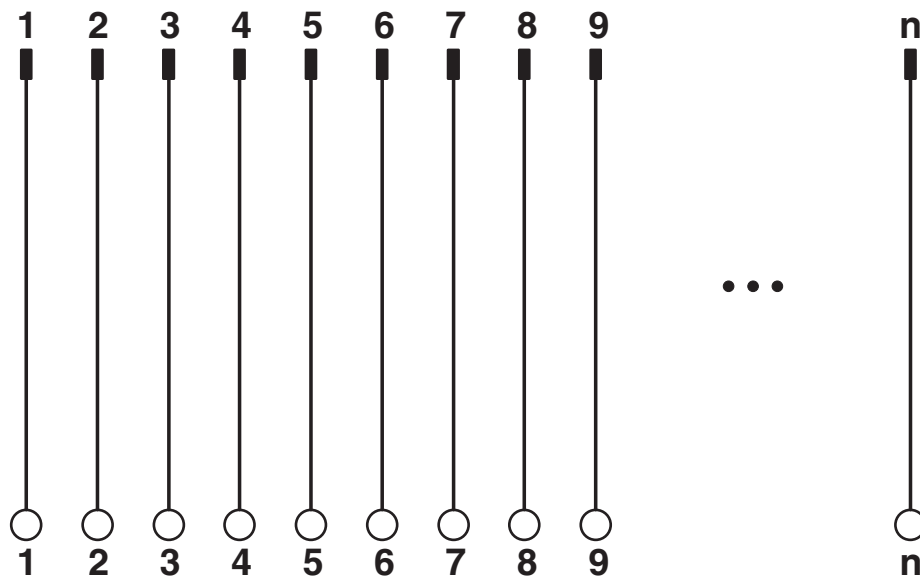
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Drawings

Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/2968425>

 cUL Recognized Approval ID: E118976				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Field wiring	125 V	1 A	-	-

 UL Recognized Approval ID: E118976				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Field wiring	125 V	1 A	-	-

cULus Recognized				
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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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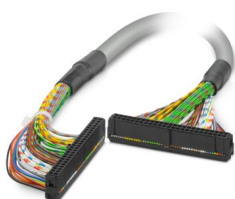
Accessories

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

2295059

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

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



FLK 34/EZ-DR/ 50/KONFEK - Cable

2299479

<https://www.phoenixcontact.com/in/products/2299479>

Round cable set; connection 1: IDC/FLK socket strip (1x 34-position); connection 2: IDC/FLK socket strip (1x 34-position); cable length: 0.5 m



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FLK 34/EZ-DR/ 100/KONFEK - Cable

2299482

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Round cable set; connection 1: IDC/FLK socket strip (1x 34-position); connection 2: IDC/FLK socket strip (1x 34-position); cable length: 1 m

FLK 34/EZ-DR/ 150/KONFEK - Cable

2299495

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Round cable set; connection 1: IDC/FLK socket strip (1x 34-position); connection 2: IDC/FLK socket strip (1x 34-position); cable length: 1.5 m

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FLK 34/EZ-DR/ 200/KONFEK - Cable

2299505

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Round cable set; connection 1: IDC/FLK socket strip (1x 34-position); connection 2: IDC/FLK socket strip (1x 34-position); cable length: 2 m

FLK 34/EZ-DR/ 300/KONFEK - Cable

2299518

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Round cable set; connection 1: IDC/FLK socket strip (1x 34-position); connection 2: IDC/FLK socket strip (1x 34-position); cable length: 3 m

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FLK 34/EZ-DR/ 400/KONFEK - Cable

2299521

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Round cable set; connection 1: IDC/FLK socket strip (1x 34-position); connection 2: IDC/FLK socket strip (1x 34-position); cable length: 4 m

FLK 34/EZ-DR/ 600/KONFEK - Cable

2299534

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Round cable set; connection 1: IDC/FLK socket strip (1x 34-position); connection 2: IDC/FLK socket strip (1x 34-position); cable length: 6 m

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FLK 34/EZ-DR/ 800/KONFEK - Cable

2299547

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Round cable set; connection 1: IDC/FLK socket strip (1x 34-position); connection 2: IDC/FLK socket strip (1x 34-position); cable length: 8 m

FLK 34/EZ-DR/1000/KONFEK - Cable

2299550

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Round cable set; connection 1: IDC/FLK socket strip (1x 34-position); connection 2: IDC/FLK socket strip (1x 34-position); cable length: 10 m

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