

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	CK02
Product key	CK21A1
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	
Insulation	Functional insulation
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

0.6 kV (1.2/50 μs)

Connection data

Connection 1 (control level)

Rated surge voltage

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 mm ² 2.5 mm ²
Conductor cross section flexible	0.2 mm ² 1.5 mm ²
	0.2 mm ² 1.5 mm ²
	0.25 mm² 1.5 mm² (Ferrule without plastic sleeve)
Conductor cross section flexible (2 conductors with same cross section)	0.25 mm ² 1.5 mm ² (Ferrule with plastic sleeve)
Conductor cross section AWG	24 14
Pitch	5.08 mm



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Signaling

Ctatus display present	No
Status display present	No

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	ndards/regulations	
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Mounting

Mounting type	DIN rail mounting
Mounting position	any

Notes

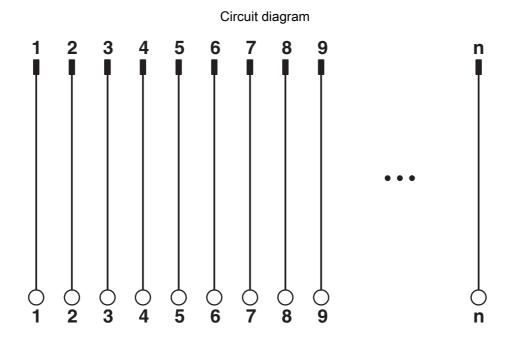
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also
	be met.



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Drawings





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Approvals

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

cUL Recogniz Approval ID: FILE	zed E 118976			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
Field wiring	125 V	1 A	-	-

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Classifications

UNSPSC 21.0

ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	27141152
ETIM	
ETIM 8.0	EC002780
UNSPSC	

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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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