

https://www.phoenixcontact.com/us/products/2281018



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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, 10-pos.

Commercial data

Item number	2281018
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	C422
Product key	DK2181
GTIN	4017918054465
Weight per piece (including packing)	68.29 g
Weight per piece (excluding packing)	58.514 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	10
No. of channels	8

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)

Supported controller EMERSON DeltaV

Suitable I/O card	VE4002S1T2B4

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	10
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Connection 2 (field level)

Connection method	Screw connection
Stripping length	7 mm
Screw thread	M3
Number of positions	10
Conductor cross-section rigid	0.2 mm² 4 mm²
Conductor cross-section rigid (2 conductors with same cross section)	0.2 mm ² 1.5 mm ²
Conductor cross-section flexible	0.2 mm² 2.5 mm²
	0.25 mm² 1.5 mm² (Ferrule without plastic sleeve)
	0.25 mm ² 2.5 mm ² (Ferrule with plastic sleeve)



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Conductor cross-section flexible (2 conductors with same cross section)	0.2 mm² 1.5 mm²
	0.25 mm ² 0.75 mm ² (Ferrule without plastic sleeve)
	0.5 mm² 0.5 mm² (TWIN ferrule with plastic sleeve)
Conductor cross-section AWG	24 12
ghtening torque	0.5 Nm 0.6 Nm
itch	5.08 mm

Signaling

Status display present	no

Dimensions

Item dimensions

Width	33.65 mm
Height	77 mm
Depth	57.47 mm

Material specifications

Color	green (RAL 6021)
Housing insulation material	Polyamide 6 green

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

Approvals

UKCA

Certificate	UKCA-compliant

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



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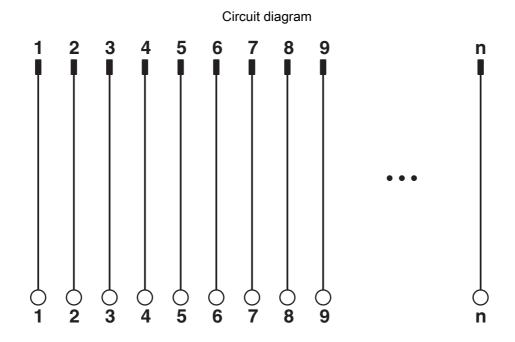
instructions of the respective third-party manufacturer must also be met.



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Drawings





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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2281018

CUL Recognized Approval ID: E118976					
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine					
Field	d wiring	125 V	1 A	30 - 12	-

UL Recognized Approval ID: E11897	76			
	Nominal voltage U_N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine				
Field wiring	125 V	1 A	30 - 12	-



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Classifications

ECLASS

	ECLASS-13.0	27141152	
	ECLASS-15.0	27141152	
E T	TIM		
_ I	IIVI		
	ETIM 9.0	EC002780	
UNSPSC			
	UNSPSC 21.0	39121400	



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Environmental product compliance

EU RoHS

20 1.01.0			
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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