

https://www.phoenixcontact.com/us/products/2281076



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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, 40-pos.

Commercial data

Item number	2281076
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	C422
Product key	DK2181
GTIN	4017918054526
Weight per piece (including packing)	209.12 g
Weight per piece (excluding packing)	168.2 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	40
No. of channels	32
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 ALLEN-BRADLEY SLC 500

Suitable I/O card	1746 OB 32
	1746 OV 32
	1746 IB 32
	1746 IV 32

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	40
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	40
Conductor cross-section rigid	0.2 mm ² 4 mm ²
Conductor cross-section rigid (2 conductors with same cross section)	0.2 mm ² 1.5 mm ²



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

Signaling

Status display present	no
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Dimensions

Item dimensions

Width	112.5 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

Mounting

Mounting type	DIN rail mounting
Mounting position	any



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Notes

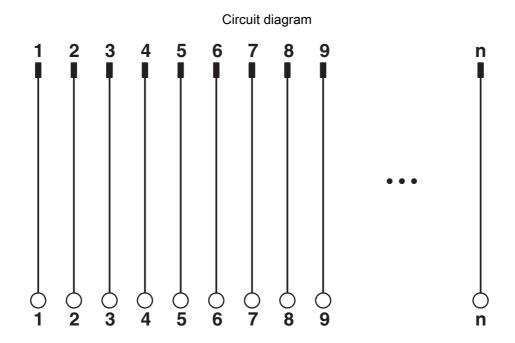
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also
	be met.



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Drawings





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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2281076

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		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: E118976				
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Field wiring	125 V	1 A	30 - 12	-



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Classifications

UNSPSC 21.0

ECLASS

	ECLASS-13.0	27141152		
	ECLASS-15.0	27141152		
ETIM				
	ETIM 9.0	EC002780		
UN	ISPSC			

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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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