

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 abounds	32
No. of channels	V2
isulation characteristics: Air clearances and creepage of Insulation	
sulation characteristics: Air clearances and creepage c	distances

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 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 mm² 4 mm²
Conductor cross-section rigid (2 conductors with same cross section)	0.2 mm² 1.5 mm²



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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 mm² 1.5 mm²
	0.25 mm² 0.75 mm² (Ferrule without plastic sleeve)
	0.5 mm² 0.5 mm² (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

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

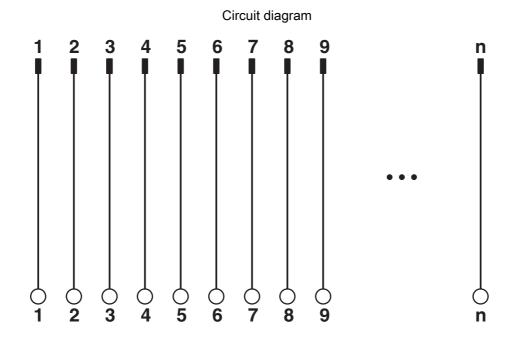
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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Drawings





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Approvals

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

. 91	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	-

7.	UL Recognized Approval ID: E118976				
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Field	d wiring	125 V	1 A	30 - 12	-



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Classifications

UNSPSC 21.0

ECLASS

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

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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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