

https://www.phoenixcontact.com/us/products/2281063



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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, 34-pos.

Commercial data

Item number	2281063
Packing unit	5 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C422
Product key	DK2181
GTIN	4017918054519
Weight per piece (including packing)	171.88 g
Weight per piece (excluding packing)	173.55 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	Screw connection	
Stripping length	7 mm	
Screw thread	M3	
Number of positions	34	
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	
Conductor cross-section flexible	0.2 mm² 2.5 mm²	
	0.25 mm ² 1.5 mm ² (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	0.2 mm² 1.5 mm²	
section)	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	



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Tightening torque	0.5 Nm 0.6 Nm
Pitch	5.08 mm
Signaling	
Status display present	no
Dimensions	
Item dimensions	
Width	90 mm
Height	77 mm
Depth	57.47 mm
Material specifications	
Color	green (RAL 6021)
Housing insulation material	Polyamide 6 green
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
Notes	
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-

be met.

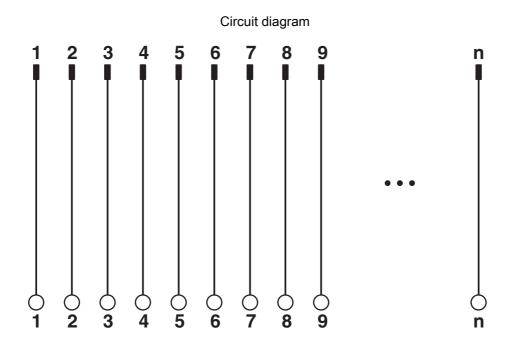
party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also



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Drawings





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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2281063

. 9 .1	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	-

SUL Recognized Approval ID: E118976	;			
	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

UNSPSC 21.0

ECLASS

	ECLASS-13.0	27141152
	ECLASS-15.0	27141152
ET	IM	
	ETIM 9.0	EC002780
UN	SPSC	

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Environmental product compliance

EU RoHS

20 1010		
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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