

2300957

https://www.phoenixcontact.com/us/products/2300957

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



VARIOFACE module, 8-channel relay module, 2 changeover contacts, contact material (AgNi 90/10), input voltage 24 V DC

Commercial data

Item number	2300957
Packing unit	1 pc
Minimum order quantity	20 pc
Product key	CK616Y
GTIN	4017918905804
Weight per piece (including packing)	340 g
Weight per piece (excluding packing)	340 g
Country of origin	DE



2300957

https://www.phoenixcontact.com/us/products/2300957

Technical data

Product properties

Product type	Relay Module
Insulation characteristics	
Insulation	Reinforced insulation
Insulation characteristics: Air clearances an	d creepage distances, input/output
Insulation	Reinforced insulation
Overvoltage category	III
Pollution degree	2
Insulation characteristics: Air and creepage	distances, output/output
Insulation	Basic insulation
Overvoltage category	III
Pollution degree	2

Electrical properties

Air clearances and creepage distances, input/output

Rated insulation voltage	260 V
Rated surge voltage	6 kV (1.2/50 μs)
Air and creepage distances, output/output	
Rated insulation voltage	260 V

Input data

Nominal input voltage U _N	24 V DC
Input voltage range in reference to U_N	0.9 1.1
Input voltage range	21.6 V DC 26.4 V DC
Typical input current at U _N	19 mA
Protective circuit	Freewheeling diode; Freewheeling diode
Status display/channel	Red LED

Output data

Switching

Contact switching type	Single contact, 2 N/O contact
Contact material	AgNi (90/10) gold-plated
Maximum switching voltage	250 V AC/DC
Limiting continuous current	5 A

Connection data

Controller level



2300957

https://www.phoenixcontact.com/us/products/2300957

Standards/regulations

Mounting type

Assembly note

Mounting position

Mounting

Connection method	Screw connection
Number of positions	10
Conductor cross section rigid	0.2 mm² 2.5 mm²
Conductor cross section flexible	0.2 mm² 2.5 mm²
Conductor cross section AWG	24 12
Field level	
Connection method	Screw connection
Number of positions	5
Conductor cross section rigid	0.2 mm² 2.5 mm²
Conductor cross section flexible	0.2 mm² 2.5 mm²
Conductor cross section AWG	24 12
Dimensions	
Width	124 mm
Height	77 mm
Depth	70 mm
Environmental and real-life conditions	
Ambient conditions	
Degree of protection	IP00
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C 50 °C
Altitude	≤ 2000 m
Standards and regulations	
Air clearances and creepage distances, input/output	
Standards/regulations	DIN EN 50178: 1998-04
Air and creepage distances, output/output	

DIN EN 50178: 1998-04

in rows with zero spacing

DIN rail mounting



2300957

https://www.phoenixcontact.com/us/products/2300957

Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2024 © - all rights reserved https://www.phoenixcontact.com

Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com