

UMKS- 8 IM - Termination board



2971603

<https://www.phoenixcontact.com/us/products/2971603>

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VARIOFACE module, for mounting on NS 35/7.5 or NS 32, for connecting 8 proximity switches

Figure shows version with diagnostic and status indicator

Commercial data

Item number	2971603
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C422
Product key	DK2188
GTIN	4017918088460
Weight per piece (including packing)	181.8 g
Weight per piece (excluding packing)	135.04 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

Product type	Interface module
Product family	VARIOFACE
Operating mode	100% operating factor

Insulation characteristics

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Max. permissible operating voltage	250 V AC/DC
Max. permissible current	1 A (per path)
Rated insulation voltage	300 V
Rated surge voltage	2.5 kV

Connection data

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross-section rigid	0.2 mm ² ... 4 mm ²
Conductor cross-section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross-section AWG	24 ... 12

Signaling

Status display present	no
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Dimensions

Item dimensions

Width	67.5 mm
Height	77 mm
Depth	72 mm

Material specifications

Color	green (RAL 6021)
Housing insulation material	Polyamide PA non-reinforced

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Degree of protection (Installation location)	≥ IP54 (Installation location)

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Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

Standards and regulations

Standards/regulations	EN 60664-1
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Mounting

Mounting type	DIN rail mounting
Assembly note	in rows with zero spacing
Mounting position	any

Notes

Notes on operation	The necessary requirements for insulation (basic insulation or reinforced insulation) from adjacent modules (in DIN-rail direction) must be realized by applying suitable measures (e. g., partition plates).
Notes on operation	Ensure that the supply voltage of the device has a common reference potential.
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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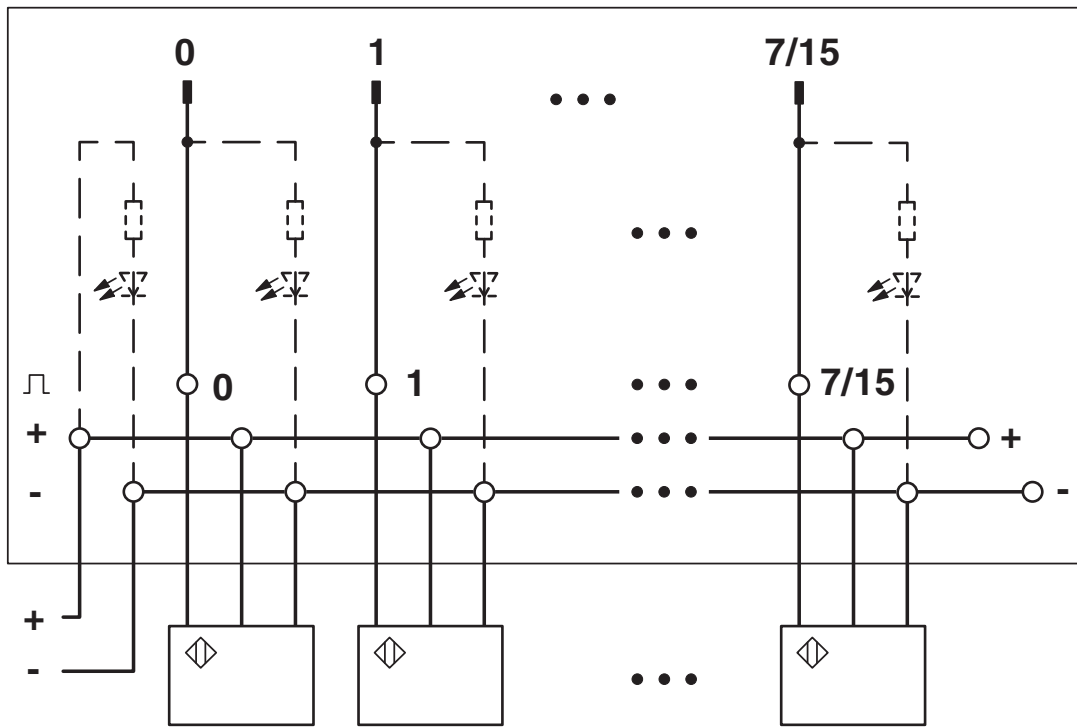


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Drawings

Circuit diagram



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Classifications

ECLASS

ECLASS-13.0

27141152

UNSPSC

UNSPSC 21.0

39121400

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com