UM-FLK14/PTS/MSTB/GF-DI - Termination board

2902085

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VARIOFACE interface module, with 14-pos flat-ribbon cable connector with knife disconnection and COMBICON connectors, for mounting on NS 35/7,5 or NS 32

Commercial data

Item number	2902085
Packing unit	1 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Product key	DK2A81
GTIN	4046356648561
Weight per piece (including packing)	270 g
Weight per piece (excluding packing)	257.1 g
Country of origin	DE

Technical data

Product properties

Product type	Interface module
Product family	VARIOFACE

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)	≤ 50 V DC
Current (per branch)	≤ 1 A
Current (Voltage supply)	≤ 3 A

Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 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	14
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Connection 2 (field level)

Connection method	Screw connection
Stripping length	7 mm
Number of connections	3
Number of positions	8
Conductor cross-section rigid	0.2 mm² ... 2.5 mm²
Conductor cross-section rigid (2 conductors with same cross section)	0.2 mm² ... 1 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
	0.2 mm² ... 2.5 mm² (Ferrule without plastic sleeve)
	0.25 mm² ... 2.5 mm² (Ferrule with plastic sleeve)
Conductor cross-section flexible (2 conductors with same cross section)	0.2 mm² ... 1.5 mm²
	0.25 mm² ... 1 mm² (Ferrule without plastic sleeve)
	0.5 mm² ... 1.5 mm² (TWIN ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 12

Tightening torque	0.5 Nm ... 0.6 Nm
Pitch	5.08 mm

Connection 3 (field level)

Connection method	PCB terminal block
Type	PCB isolating plugs
Number of connections	1
Number of positions	8
Pitch	5.08 mm

Connection 4 (supply)

Connection method	Screw connection
Stripping length	7 mm
Number of connections	1
Number of positions	2
Conductor cross-section rigid	0.2 mm² ... 2.5 mm²
Conductor cross-section rigid (2 conductors with same cross section)	0.2 mm² ... 1 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
	0.2 mm² ... 2.5 mm² (Ferrule without plastic sleeve)
	0.25 mm² ... 2.5 mm² (Ferrule with plastic sleeve)
Conductor cross-section flexible (2 conductors with same cross section)	0.2 mm² ... 1.5 mm²
	0.25 mm² ... 1 mm² (Ferrule without plastic sleeve)
	0.5 mm² ... 1.5 mm² (TWIN ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 12
Tightening torque	0.5 Nm ... 0.6 Nm
Pitch	5.08 mm

Connection 5 (supply)

Connection method	PCB terminal block
Type	PCB isolating plugs
Number of connections	1
Number of positions	2

Dimensions

Item dimensions

Width	60 mm
Height	128 mm
Depth	66 mm

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

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

Classifications

ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

ETIM

ETIM 10.0	EC002780

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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%

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