

UMK- EC56/56-XUL - Termination board



2975641

<https://www.phoenixcontact.com/us/products/2975641>

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Termination board, connection 1: Screw connection, connection 2: ELCO connector 1x 56-position (Pin strip type 8016, left)

Commercial data

Item number	2975641
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C422
Product key	DK2186
GTIN	4017918089054
Weight per piece (including packing)	342.9 g
Weight per piece (excluding packing)	293.5 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

Product type	Interface module
Number of positions	56
Operating mode	100% operating factor

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Max. permissible operating voltage	50 V AC/DC
Max. permissible current	2 A (per path)
Max. permissible total current	28 A

Air clearances and creepage distances

Rated insulation voltage	63 V
Rated surge voltage	0.6 kV

Connection data

Field level

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

Controller level

Connection method	ELCO connector
Coding	1-1
Number of connections	1
Number of positions	56
Note	Pin strip type 8016, left

Signaling

Status display present	no
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Dimensions

Item dimensions

Width	157.5 mm
Height	58.5 mm

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Depth	77 mm
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Material specifications

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

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

Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 50178
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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 system installer is to ensure the touch protection of the product (at voltages > 25 V AC). The built-in device is without protection against direct contact.
Notes on operation	No additional touch protection is required when using a SELV/PELV voltage (≤ 25 V AC or 50 V DC).
Notes on operation	Against adjacent modules in the support rail direction at least one functional insulation on the output-side is complied with. If the application has higher requirements on the insulation (basic insulation or reinforced insulation), then these must be realized through suitable measures (e. g. partition plates).
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.

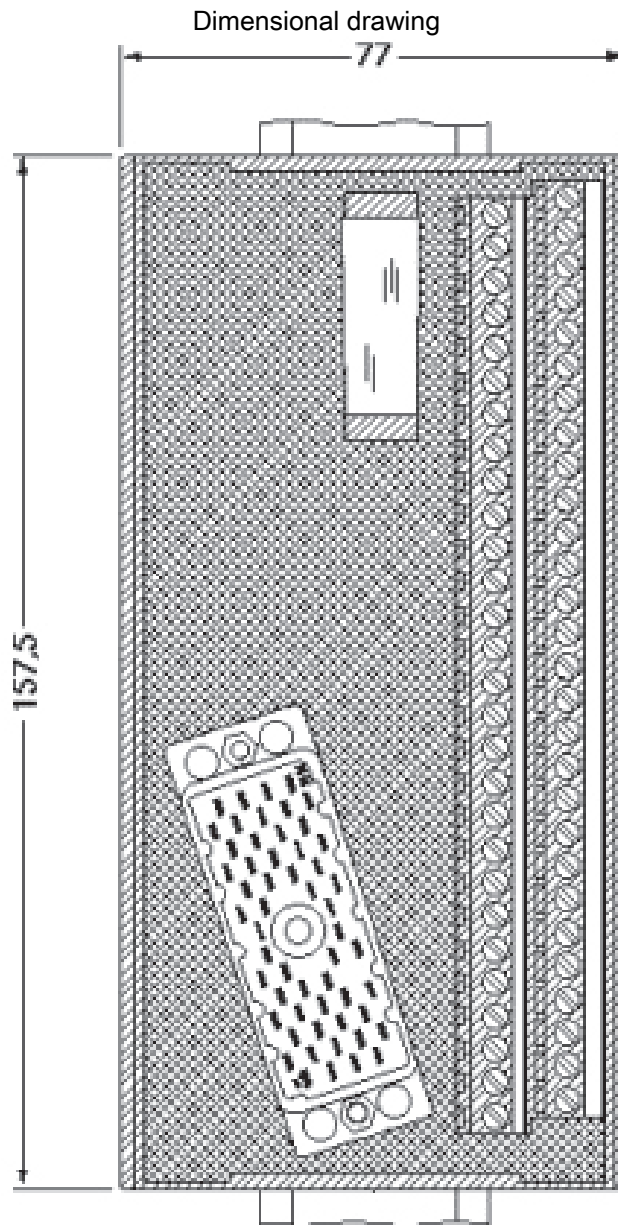
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Drawings



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Classifications

UNSPSC

UNSPSC 21.0	39121432
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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-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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