

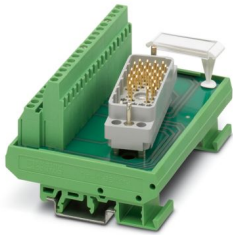
# UMK- EC56/32-XUR - Termination board



2975777

<https://www.phoenixcontact.com/us/products/2975777>

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Termination board, connection 1: Screw connection, connection 2: ELCO connector 1x 32-position (Pin strip, Type 8016, right)

## Commercial data

Item number	2975777
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C422
Product key	DK2186
GTIN	4017918089092
Weight per piece (including packing)	213.3 g
Weight per piece (excluding packing)	213.3 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

Product type	Interface module
Number of positions	32
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	25 V AC
	60 V DC
Max. permissible current	2 A (per path)
Max. permissible total current	64 A

### Air clearances and creepage distances

Rated insulation voltage	85 V
Rated surge voltage	0.8 kV

### Connection data

#### Field level

Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 12

#### Controller level

Connection method	ELCO connector
Coding	1-1
Number of connections	1
Number of positions	32
Note	Pin strip, Type 8016, right

### Signaling

Status display present	no
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### Dimensions

#### Item dimensions

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Width	101.5 mm
Height	77 mm
Depth	58.5 mm

## 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	No additional touch protection is required when using a SELV/PELV voltage (≤ 25 V AC or 60 V DC).
Notes on operation	At least one functional insulation against adjacent modules is complied with (in the support rail direction). If the application has stricter requirements for the insulation (basic insulation or reinforced insulation), they must be realized by applying 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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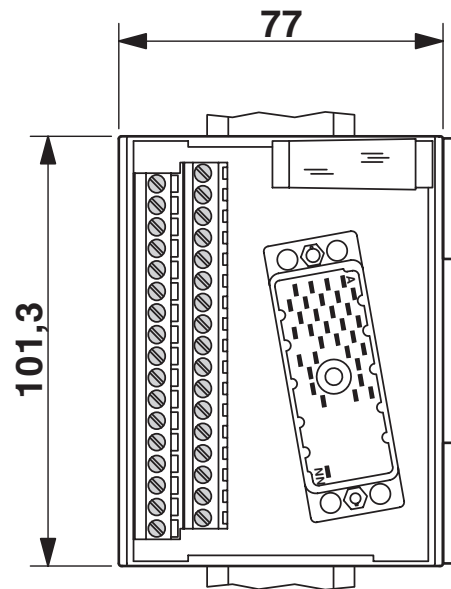
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## Drawings

Dimensional drawing



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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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