

UM-EC28-R - Termination board



2956709

<https://www.phoenixcontact.com/us/products/2956709>

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Termination board, connection 1: Screw connection, connection 2: ELCO connector 1x 28-position (Pin strip, Type 8027, right)



Commercial data

Item number	2956709
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C422
Product key	DK2186
GTIN	4017918085926
Weight per piece (including packing)	289.4 g
Weight per piece (excluding packing)	272.78 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

Product type	Interface module
Number of positions	28
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	250 V AC/DC
Max. permissible current	3 A (per path)
Max. permissible total current	84 A

Air clearances and creepage distances

Rated insulation voltage	260 V
Rated surge voltage	2.5 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
Type	8027 series
Coding	1-1
Number of connections	1
Number of positions	28
Note	Pin strip, Type 8027, right

Signaling

Status display	no
Status display present	no

Dimensions

Item dimensions

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Width	110.1 mm
Height	111.8 mm
Depth	55.8 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	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	Basic insulation is maintained against adjacent modules (in the DIN rail direction).
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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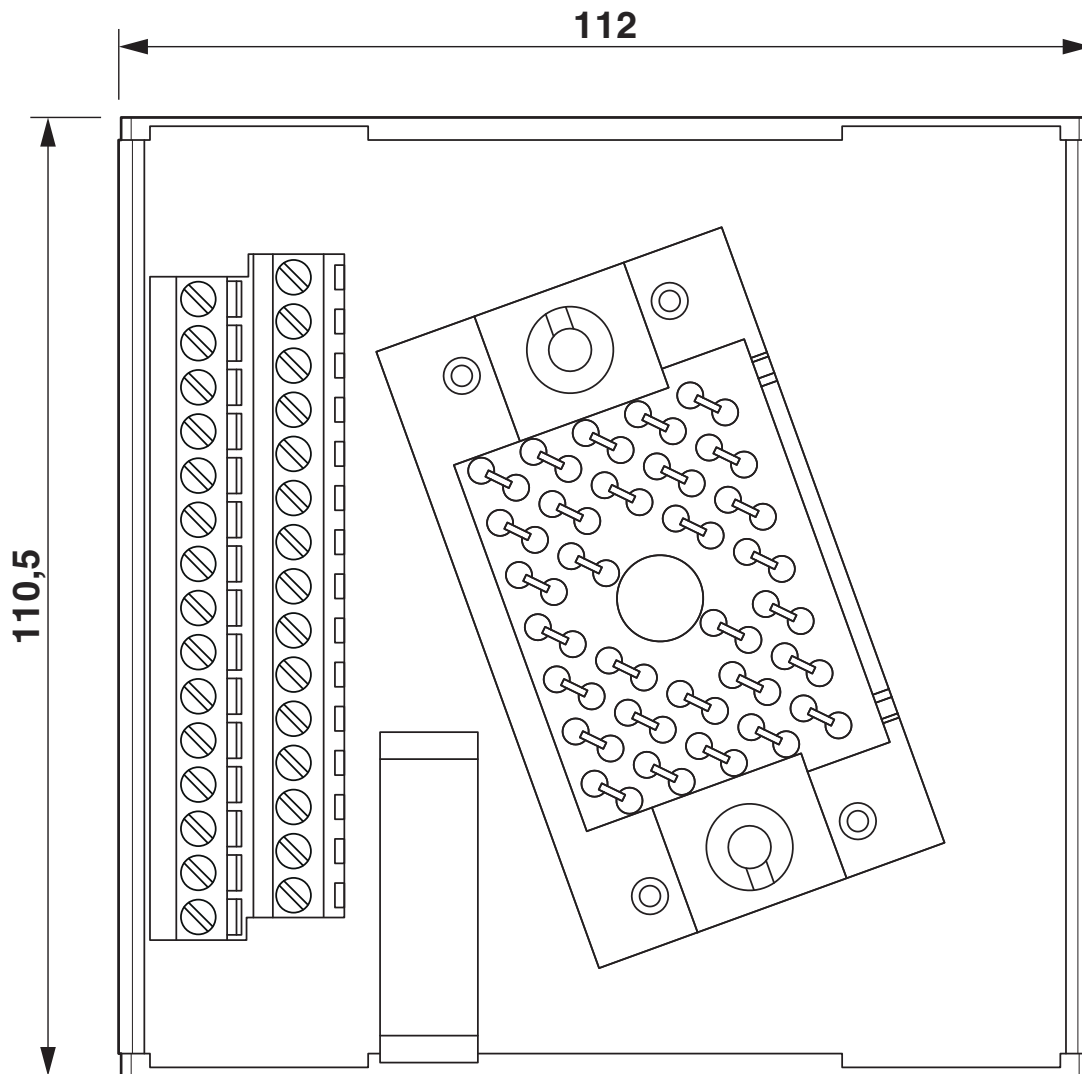
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Drawings

Dimensional drawing



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Classifications

UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

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.)	Lead(CAS: 7439-92-1)
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