

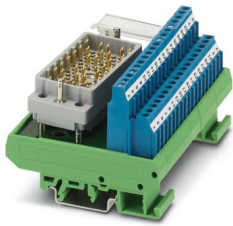
UMK- EC90/32/EX-XOR - Termination board



2900109

<https://www.phoenixcontact.com/us/products/2900109>

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

Commercial data

Item number	2900109
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C422
Product key	DK2186
GTIN	4046356476478
Weight per piece (including packing)	237 g
Weight per piece (excluding packing)	236.5 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Interface module
Number of positions	32

Electrical properties

Nominal voltage U_N	max. 30 V DC (Max. voltage between two intrinsically safe circuits: 60 V DC)
Max. current carrying capacity per branch	500 mA

Connection data

Field level

Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of positions	32
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	32
Note	Pin strip type 8016 (EEx i protection), right

Signaling

Status display present	no
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Dimensions

Item dimensions

Width	101.3 mm
Height	77 mm
Depth	58.5 mm

Material specifications

Color	green (RAL 6021)
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Environmental and real-life conditions

Ambient conditions

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Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Standards and regulations

Standards/regulations	DIN EN 60079-11
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Mounting

Mounting type	DIN rail mounting
Assembly note	To separate intrinsically safe and non-intrinsically safe circuits, a gap of least 50 mm must be created between the connection points, e.g., by means of partition plates or spacing.
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.
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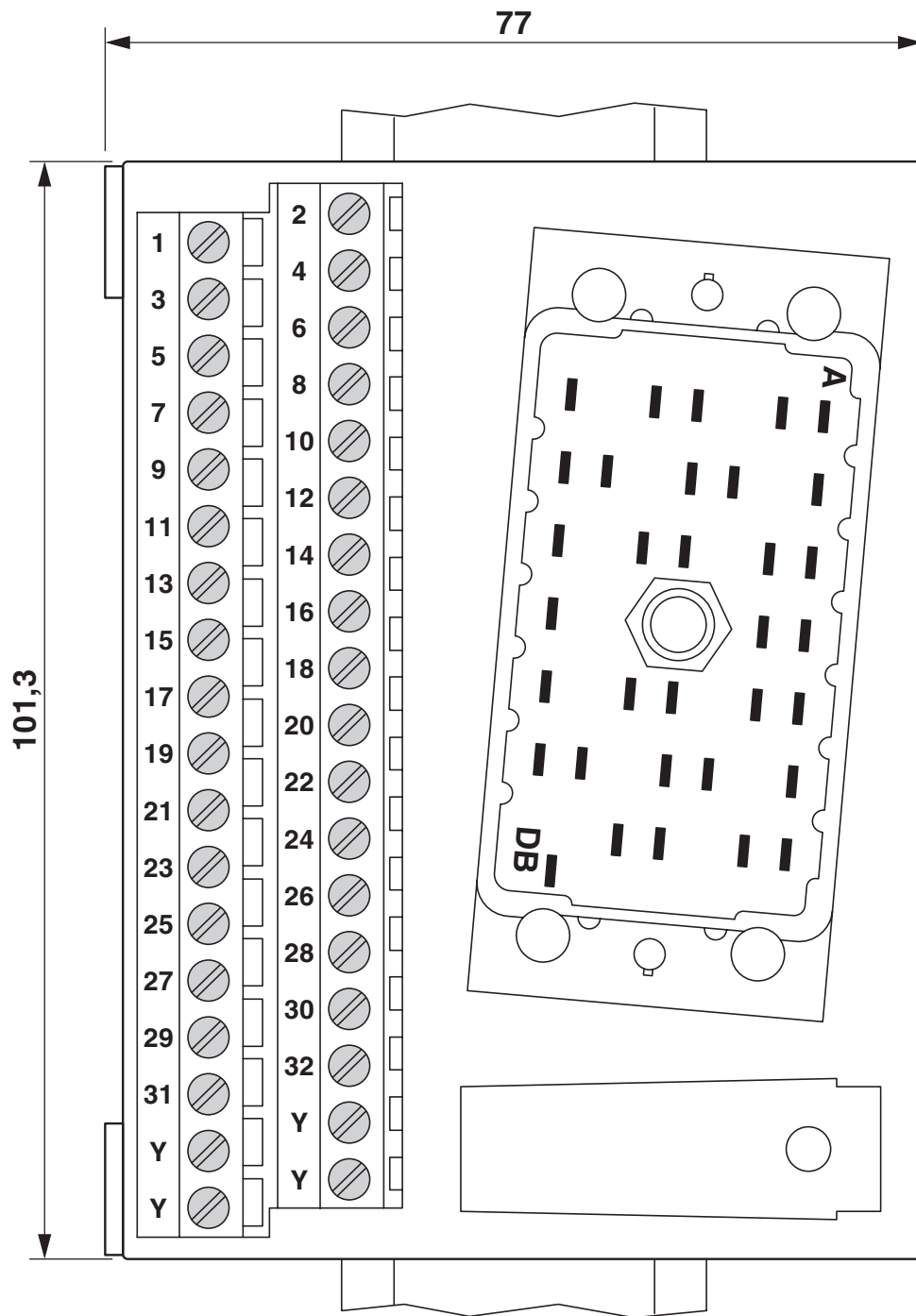


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Drawings

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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