

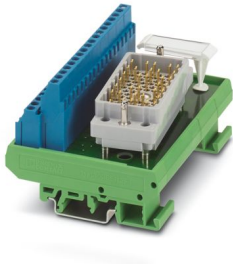
# UMK- EC90/32/EX-XOL - Termination board



2900110

<https://www.phoenixcontact.com/us/products/2900110>

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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), left)

## Commercial data

Item number	2900110
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK2186
GTIN	4046356472210
Weight per piece (including packing)	238 g
Weight per piece (excluding packing)	238 g
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 <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 (EEx i protection), left

### 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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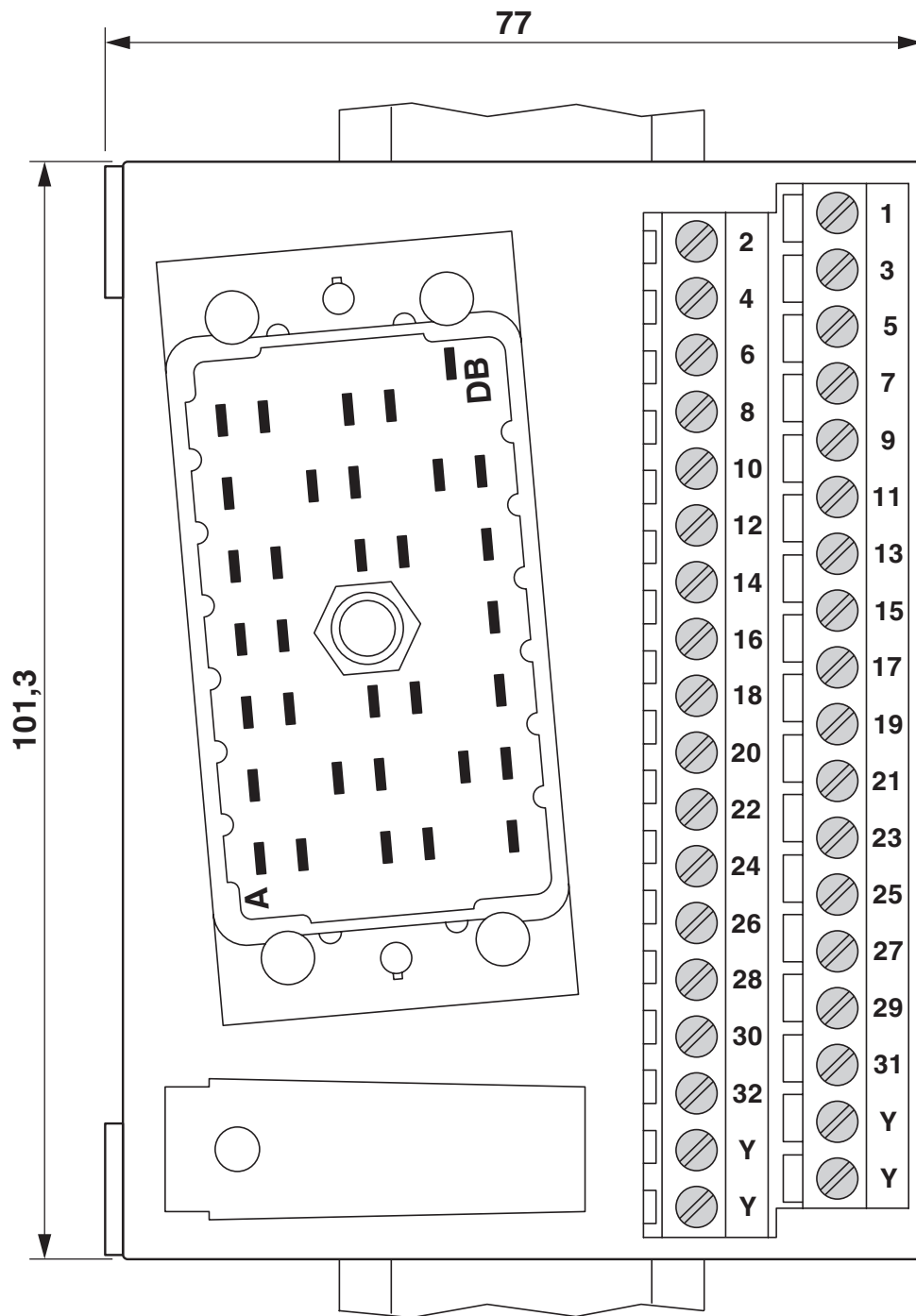


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## Drawings

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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