

Interface module - UMK- EC90/32/EX-XOR - 2900109

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4046356476478 |

Technical data

Dimensions

| | |
|--------|----------|
| Width | 101.3 mm |
| Height | 77 mm |
| Depth | 58.5 mm |

Ambient conditions

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

General

| | |
|---------------------------------|--|
| Nominal voltage U_N | max. 30 V DC (Max. voltage between two intrinsically safe circuits: 60 V DC) |
| Max. perm. current (per branch) | 500 mA |
| Number of positions | 32 |
| Mounting position | any |
| Assembly instructions | 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. |

Connection data

| | |
|-----------------|-------------|
| Connection name | Field level |
|-----------------|-------------|

Interface module - UMK- EC90/32/EX-XOR - 2900109

Technical data

Connection data

| | |
|----------------------------------|---|
| 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 solid | 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 |

Connection data 2

| | |
|-----------------------|---|
| Connection name | 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 |

Standards and Regulations

| | |
|-----------------------|-----------------|
| Standards/regulations | DIN EN 60079-11 |
|-----------------------|-----------------|

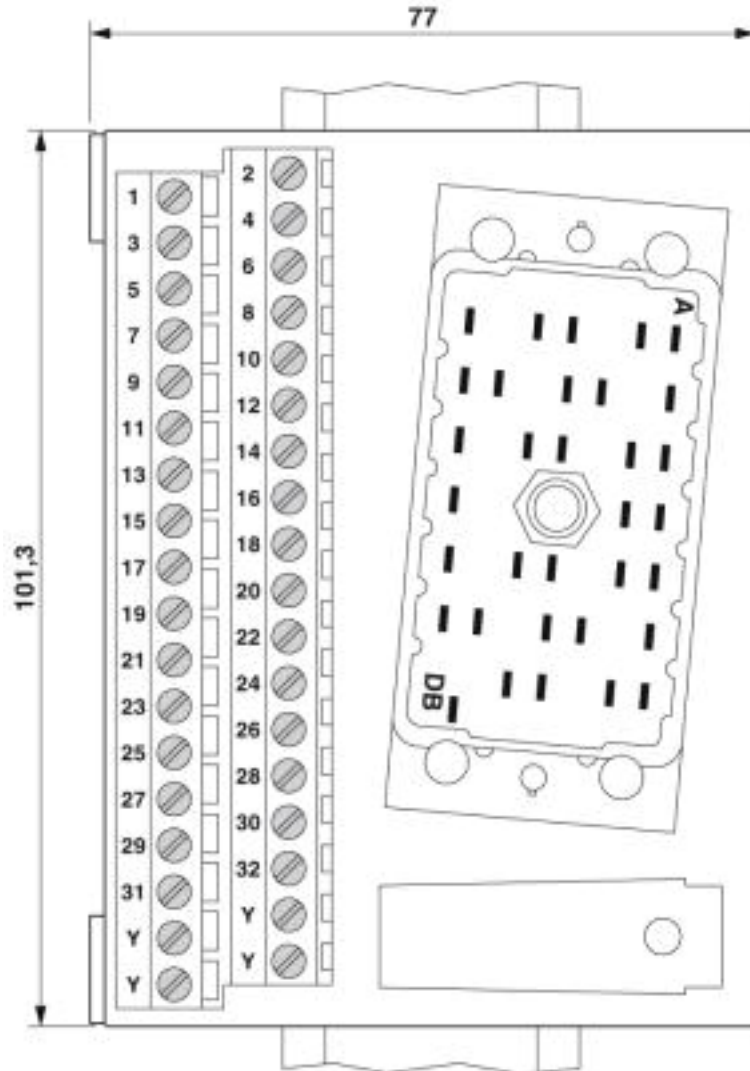
Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Interface module - UMK- EC90/32/EX-XOR - 2900109

Dimensional drawing



Approvals

Approvals

Approvals

EAC

Ex Approvals

ATEX

Approval details

Interface module - UMK- EC90/32/EX-XOR - 2900109

Approvals

EAC



RU C-
DE.A*30.B.01742

Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>