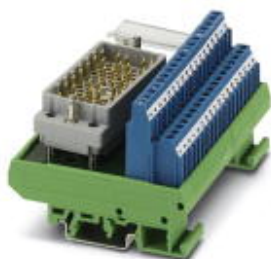**PHŒNIX CONTACT**

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

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

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 476478
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

Max. perm. operating voltage	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 for connection 1

Connection name	Field level

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

Technical data

Connection data for connection 1

Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm² ... 4 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 12
Number of positions	32

Connection data for connection 2

Connection name	Controller level
Connection method	ELCO connector
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
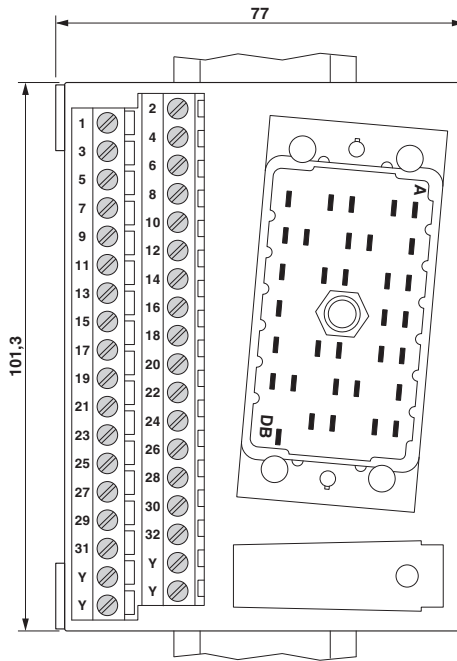
Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

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

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