

UMK- EC56/25/EX -FRONT 2,5V/R - Termination board



2900114

<https://www.phoenixcontact.com/us/products/2900114>

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Termination board, connection 1: Screw connection 25-position, connection 2: ELCO connector 1x 25-position (Pin strip type 8016 (EEx i protection), right)

Commercial data

Item number	2900114
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK2186
GTIN	4046356472241
Weight per piece (including packing)	265.7 g
Weight per piece (excluding packing)	265.7 g
Country of origin	DE

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Technical data

Product properties

Product type	Interface module
Number of positions	25

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	9 mm
Screw thread	M2,5
Number of positions	25
Conductor cross-section rigid	0.2 mm ² ... 2.5 mm ²
Conductor cross-section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross-section AWG	24 ... 14

Controller level

Connection method	ELCO connector
Coding	1-1
Number of connections	1
Number of positions	25
Note	Pin strip type 8016 (Ex i protection), right

Signaling

Status display present	no
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Dimensions

Item dimensions

Width	77 mm
Height	112.5 mm
Depth	52.5 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

Assembly note	The coding pins of the ELCO plugs are coded by default in position 6. It is possible to change the coding of the pins without dismantling the module housing.
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.

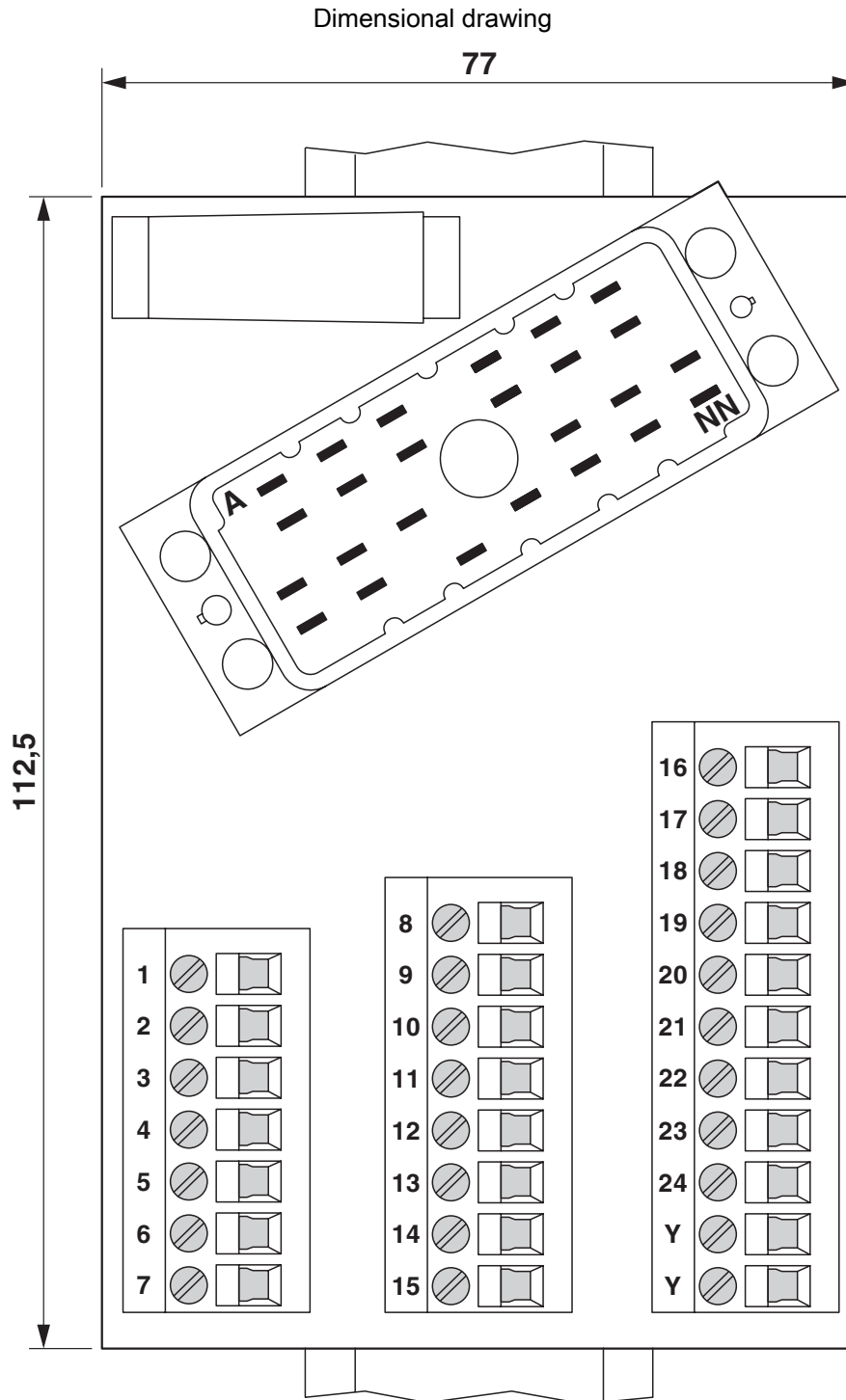
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Drawings



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Connection diagram

Terminal block	Pin strip
1	C
2	D
3	E
4	F
5	N
6	P
7	R
8	S
9	a
10	b
11	d
12	j
13	k
14	l
15	s
16	t
17	u
18	v
19	BB
20	CC
21	DD
22	EE
23	MM
24	NN
Y	Y

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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-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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