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Partner in industrial automation

RADIKOR ELCO INTERCONNECTION BOARD

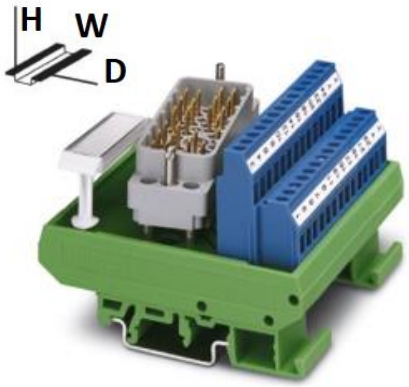
TYPE IBIS-EM56/24

TYPE IBIS-EM56/24-LH/RHT

Vertical Interconnection Board applied for intrinsically safe signals for Elco system cable E56/24 with numerical coded screw terminals on the left side or when mounted upside down on the right side.

TYPE IBIS-EM56/24-RH/LHT

Vertical Interconnection Board applied for intrinsically safe signals for Elco system cable E56/24 with numerical coded screw terminals on the right side or when mounted upside down on the left side.



TECHNICAL SPECIFICATION

Max. voltage of one intrinsically safe circuit	**30 VDC**
Max. voltage between two intrinsically safe circuits	**60 VDC**
Max. permissible current (per branch)	**0,5 A**
Ambient temperature range	**-20˚C … 50˚C**
Mounting position	**Any**
Nominal operating mode	**100% duty cycle**
Assembly instructions	**For separation of intrinsically safe and non-intrinsically safe circuits a minimum distance of 50 mm between the connection points is required, e.g., by using separator plates or space.**
Dimensions depth/width/height	**D: 79 mm, W: 72 mm, H: 57 mm**
Clearance and creepage distances between depending intrinsically safe circuits depending on	**DIN EN 60079-11: 2012 (Table 5)**

CONNECTION DATA

Connector	**X1**
Type of connection	**Elco series 8016/56 pluggable**
Number of positions	**25**
Connector	**X2 – X8**
Type of connection	**MKKDS screw connection**
Connection data solid mm², stranded mm², AWG	**0,2-4/0,2-2,5/24-12**

ORDERING DATA

Type	**Order number**
IBIS-EM56/24-LH/RHT	99986
IBIS-EM56/24-RH/LHT	99987

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COMMERCIAL DATA

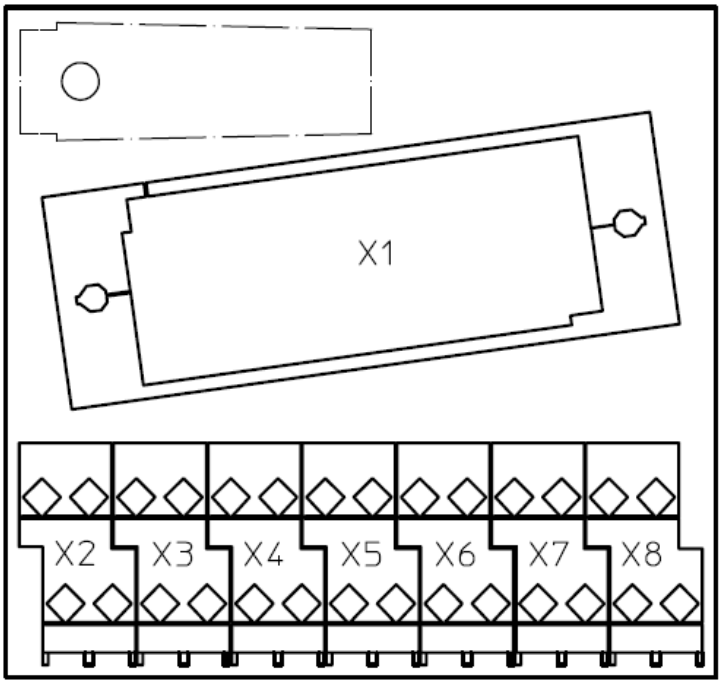
Packing unit	1 pc
Weight per piece (excluding packing)	179.000 g
Custom tariff number	85369010
Country of origin	DE (Germany)
EU- Declaration of Conformity	No. 99986.CE.00 No. 99987.CE.00
Autocad	IBIS-EM56/24-LH/RHT IBIS-EM56/24-RH/LHT

INTERCONNECTION TABLE

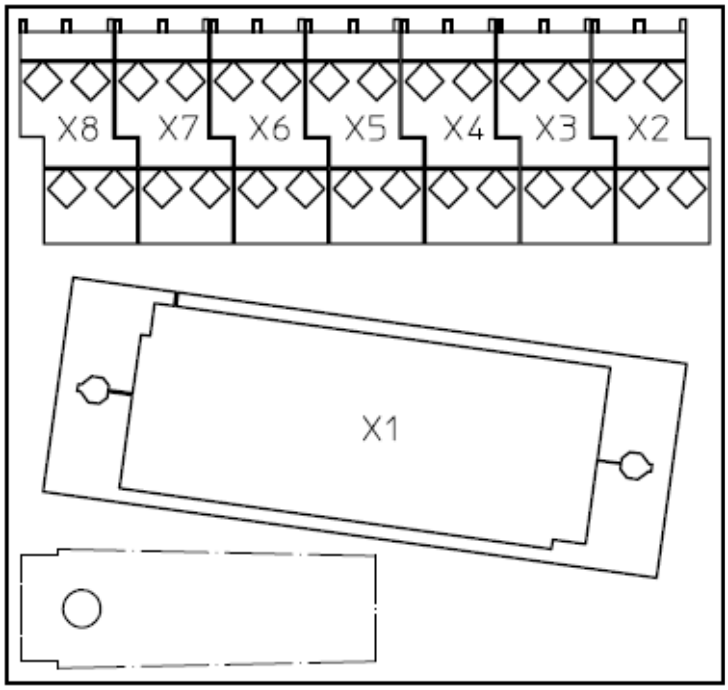
Numerical terminal	Connector pin
1	C
2	D
3	E
4	F
5	N
6	P
7	R
8	S
9	a
10	b
11	d
12	j
13	k

Numerical terminal	Connector pin
14	l
15	s
16	t
17	u
18	v
19	BB
20	CC
21	DD
22	EE
23	MM
24	NN
Y	Y

FRONT VIEW



LH/RHT



RH/LHT