

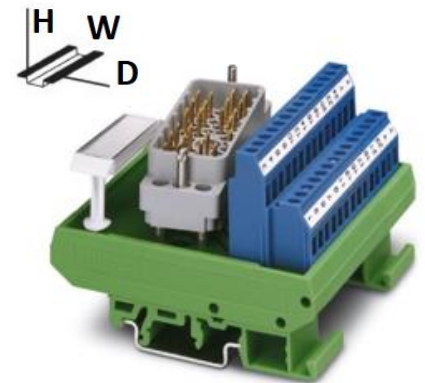
# RADIKOR ELCO INTERCONNECTION BOARD TYPE IBIS-EM56/24

## TYPE IBIS-EM56/24-LH/RHT

Vertical Interconnection Board applied for intrinsically safe signals for Elco system cable E56/54 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 E56/54 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	<b>30 VDC</b>
Max. voltage between two intrinsically safe circuits	<b>60 VDC</b>
Max. permissible current (per branch)	<b>0,5 A</b>
Ambient temperature range	<b>-20°C ... 50°C</b>
Mounting position	<b>Any</b>
Nominal operating mode	<b>100% duty cycle</b>
Assembly instructions	<b>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.</b>
Dimensions depth/width/height	<b>D: 79 mm, W: 72 mm, H: 57 mm</b>
Clearance and creepage distances between depending intrinsically safe circuits depending on	<b>DIN EN 60079-11: 2012 (Table 5)</b>


## CONNECTION DATA

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

## ORDERING DATA

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

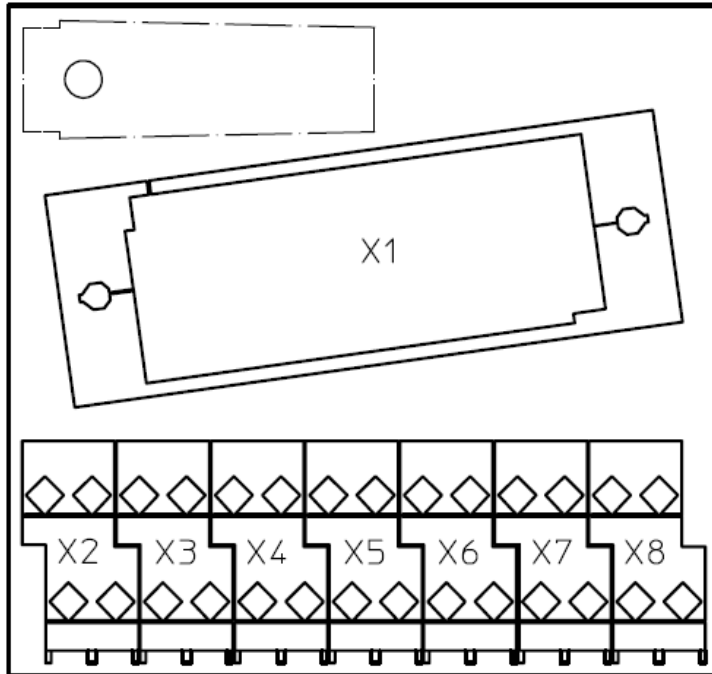
### COMMERCIAL DATA

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	 <a href="#">No. 99986.CE.00</a> <a href="#">No. 99987.CE.00</a>
Autocad	<a href="#">IBIS-EM56/24-LH/RHT</a> <a href="#">IBIS-EM56/24-RH/LHT</a>

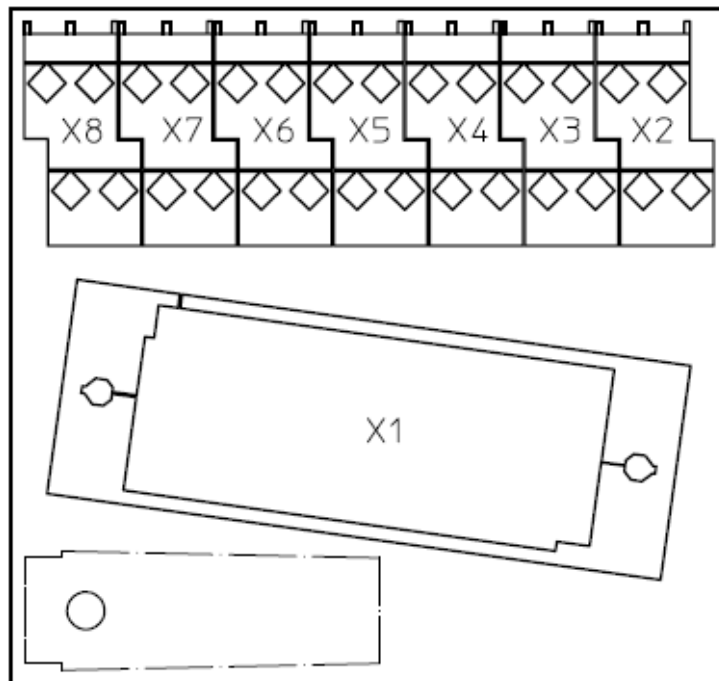
### INTERCONNECTION TABLE

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

FRONT VIEW



LH/RHT



RH/LHT