

Radikor Elco Interconnection board

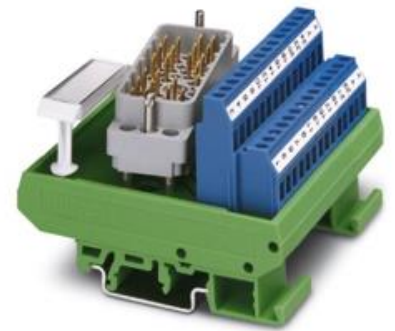
Type IBIS-EM56/24

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 mm ² , stranded mm ² , 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

Commercial data

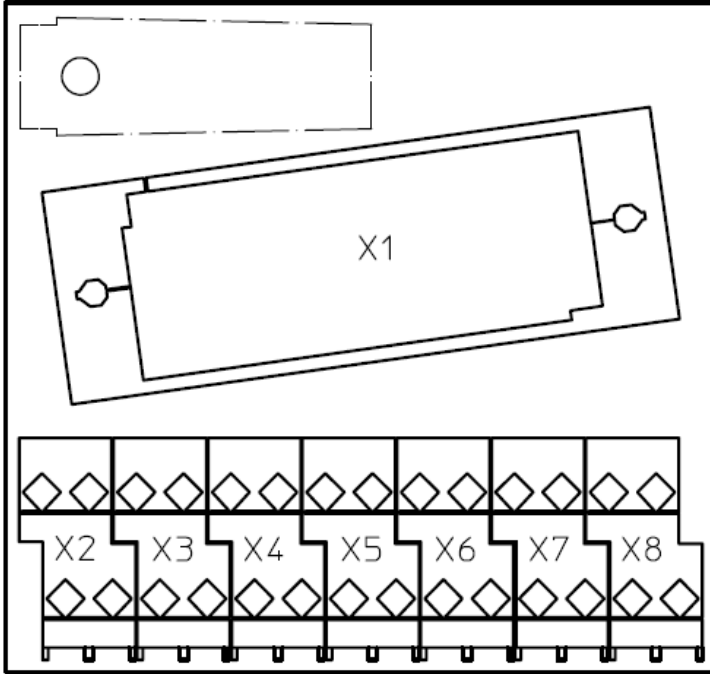
Packing unit	1 pc
Weight per piece (excluding packing)	179.000 g
Custom tariff number	85369010
Country of origin	DE (Germany)
EU- Declaration of Conformity	 No. 99986.CE.00 No. 99987.CE.00
Autocad	IBIS-EM56/24-LH/RHT IBIS-EM56/24-RH/LHT

Interconnection table

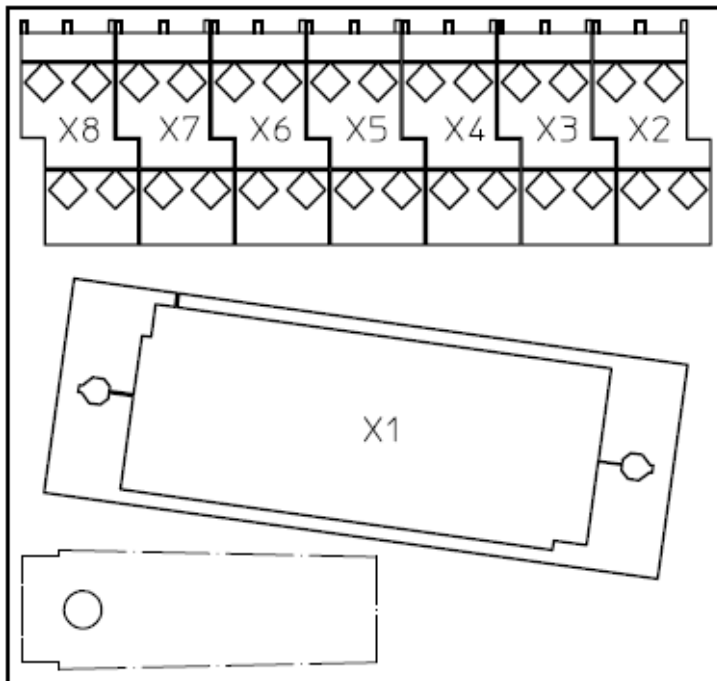
Numerical terminal	Connector pin	Numerical terminal	Connector pin
1	C	14	l
2	D	15	s
3	E	16	t
4	F	17	u
5	N	18	v
6	P	19	BB
7	R	20	CC
8	S	21	DD
9	a	22	EE
10	b	23	MM
11	d	24	NN
12	j	Y	Y
13	k		



Front view



LH/RHT



RH/LHT

