



Part no.: 50130608
MD 7XXP-11-82IO5-13
Distribution box



Figure can vary

Contents

- Technical data
- Circuit diagrams
- Operation and display
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Part no.: 50130608 – MD 7XXP-11-82IO5-13 – Distribution box

Technical data

Electrical data

Switching signal	PNP
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Performance data

Total current	10 A
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Connection

Master connection

Type of connection	Connector
Function	Connection to the control
Thread size	M23
No. of pins	19 -pin
Encoding	A-coded
Type	Male

Distribution box connections

Number of connections	8 Piece(s)
Thread size	M12
No. of pins	5 -pin
Encoding	A-coded
Type	Female
Material	Plastic
Material of O-ring seal	TPU
Material of contacts	Gold-plated
Operating current per contact	4 A

Mechanical data

Design	Cubic
Dimension (W x H x L)	50 mm x 36.5 mm x 150 mm
Housing material	Plastic
Net weight	185 g

Operation and display

Type of display	LED
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Environmental data

Ambient temperature, operation, flexible use	-20 ... 70 °C
Ambient temperature, operation, stationary use	-20 ... 70 °C

Certifications

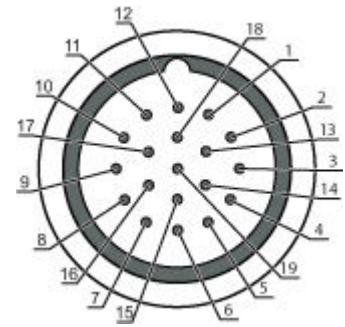
Degree of protection	IP 65 IP 67
Certifications	c UL US

Classification

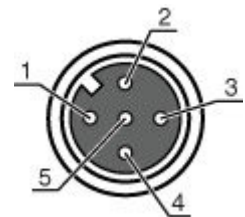
eCl@ss 8.0	27279219
eCl@ss 9.0	27440108
ETIM 5.0	EC002585

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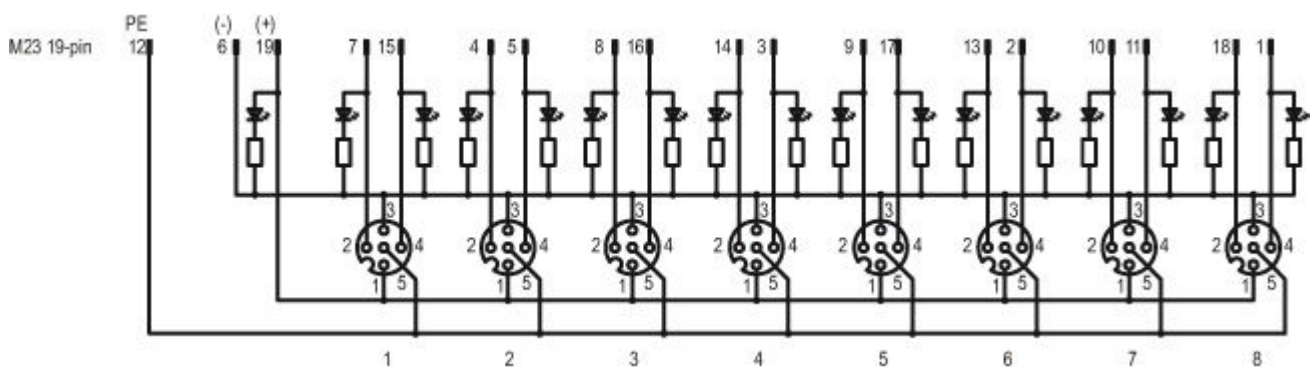
Pin	Pin assignment
1	Socket 8 / contact 4
2	Socket 6 / contact 4
3	Socket 4 / contact 4
4	Socket 2 / contact 2
5	Socket 2 / contact 4
6	Socket 1-8 / contact 3
7	Socket 1 / contact 2
8	Socket 3 / contact 2
9	Socket 5 / contact 2
10	Socket 7 / contact 2
11	Socket 7 / contact 4
12	Socket 1-8 / contact 5
13	Socket 6 / contact 2
14	Socket 4 / contact 2
15	Socket 1 / contact 4
16	Socket 3 / contact 4
17	Socket 5 / contact 4
18	Socket 8 / contact 2
19	Socket 1-8 / contact 1



Pin	Pin assignment
1	+
2	Signal 2 (NC)
3	-
4	Signal 1 (NO)
5	PE



Circuit diagrams



Operation and display

LEDs







LED	Display	Meaning
1	Green, continuous light	Operating voltage applied

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LED	Display	Meaning
2	Yellow, continuous light	Signal 1
3	White, continuous light	Signal 2

Accessories

Connection technology - Connection cables

	Part no.	Designation	Article	Description
	50134971	KD U-M23-JA-P1-050	Connection cable	Connection 1: Connector, M23, Axial, Female, A-coded, 19 -pin Connection 2: Open end Shielded: No Cable length: 5,000 mm Sheathing material: PUR
	50134972	KD U-M23-JA-P1-100	Connection cable	Connection 1: Connector, M23, Axial, Female, A-coded, 19 -pin Connection 2: Open end Shielded: No Cable length: 10,000 mm Sheathing material: PUR
	50136636	KD U-M23-JA-P1-150	Connection cable	Connection 1: Connector, M23, Axial, Female, A-coded, 19 -pin Connection 2: Open end Shielded: No Cable length: 15,000 mm Sheathing material: PUR
	50136637	KD U-M23-JA-P1-200	Connection cable	Connection 1: Connector, M23, Axial, Female, A-coded, 19 -pin Connection 2: Open end Shielded: No Cable length: 20,000 mm Sheathing material: PUR
	50134976	KD U-M23-JW-P1-050	Connection cable	Connection 1: Connector, M23, Angled, Female, A-coded, 19 -pin Connection 2: Open end Shielded: No Cable length: 5,000 mm Sheathing material: PUR
	50134977	KD U-M23-JW-P1-100	Connection cable	Connection 1: Connector, M23, Angled, Female, A-coded, 19 -pin Connection 2: Open end Shielded: No Cable length: 10,000 mm Sheathing material: PUR

General

	Part no.	Designation	Article	Description
	50134480	CAP M12K-Set	Connection cap	Type: Cap for free sockets Thread size: M12 Material: Plastic