



Part no.: 50130994
MD 7XXP-11-82IO5-FK
Distribution box



Figure can vary

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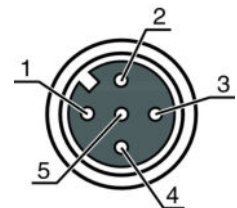
Part no.: 50130994 – MD 7XXP-11-82IO5-FK – Distribution box

Technical data

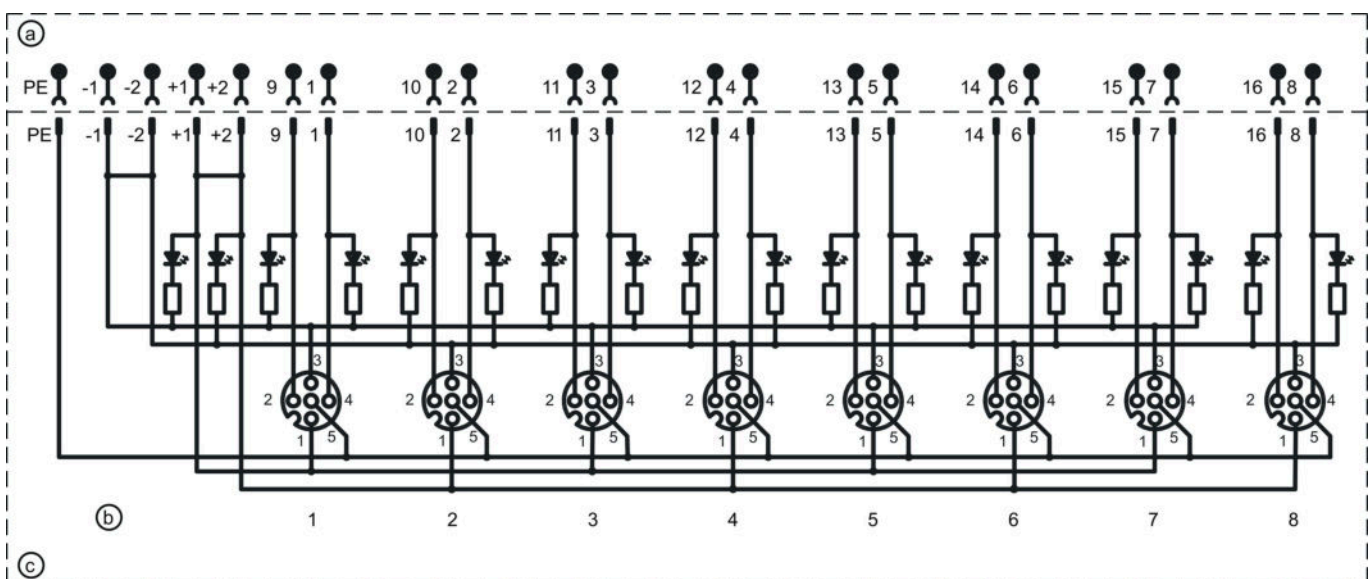
Electrical data	
Switching signal	PNP
Performance data	
Total current	≤ 2 x 8 A
Input data logic	
Nominal input voltage U _N	24 V DC
Connection	
Master connection	
Type of connection	Terminal
Function	Connection to the control
No. of pins	21 -pin
Hood material	Polybutylene (PBT)
Distribution box connections	
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 15 mm x 150 mm
Housing material	Plastic
Net weight	210 g
Screw tightening torque	1 N·m
Operation and display	
Type of display	LED
Environmental data	
Ambient temperature, operation	-20 ... 70 °C
Certifications	
Degree of protection	IP 65 IP 67
Certifications	c UL US
Classification	
Customs tariff number	85369010
eCl@ss 8.0	27279219
eCl@ss 9.0	27440108
ETIM 5.0	EC002585
ETIM 6.0	EC002585

Terminal	Assignment
11	Socket 3 / contact 2
12	Socket 4 / contact 2
13	Socket 5 / contact 2
14	Socket 6 / contact 2
16	Socket 8 / contact 2
1	Socket 1 / contact 4
2	Socket 2 / contact 4
3	Socket 3 / contact 4
4	Socket 4 / contact 4
+1	Socket 1-8 / contact 1
+2	Socket 1-8 / contact 1
-1	Socket 1-8 / contact 3
-2	Socket 1-8 / contact 3
PE	Socket 1-8 / contact 5
5	Socket 5 / contact 4
6	Socket 6 / contact 4
7	Socket 7 / contact 4
8	Socket 8 / contact 4
15	Socket 7 / contact 2

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



Circuit diagrams



- a Connection hood
- b Socket
- c Basic housing

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Operation and display

LEDs

LED	Display	Meaning
1	Green, continuous light	Operating voltage applied
2	Yellow, continuous light	Signal 1
3	White, continuous light	Signal 2

Accessories

General

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

Note

A list with all available accessories can be found on the Leuze electronic website in the Download tab of the article detailed page.