

M12 Actuator/Sensor Distribution Boxes

ASBSVD 8/LED W5

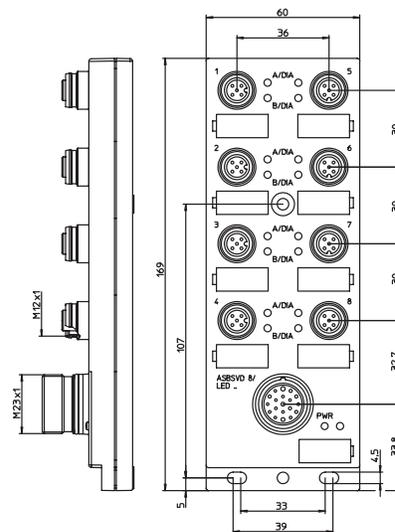


8-Ports (LED)

Pluggable actuator/sensor distribution box with LED operation and function indicators, 8-ports with integrated fuses and diagnostics display, top-entry, M12 sockets, 5-poles with M23 quick-disconnect for the control cable.

– control cable type: 19P: RKUF 19-242/...M or RKWUF 19-242/...M –

8-Ports

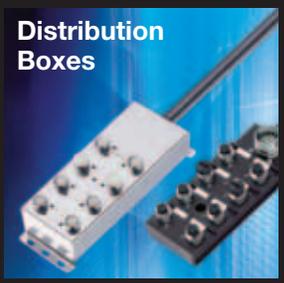


Pin Assignments

M12 / M23	Wiring Diagrams	
5 P / 19 P	8-Ports	
	1 = +24 V (19)	
	3 = -0 V (6)	
	5 = 12 (PE)	
	Channel B	Channel A
	2 = 1 (7)	4 = 1 (15)
	2 = 2 (4)	2 = 2 (5)
	3 = 3 (8)	3 = 3 (16)
	4 = 4 (14)	4 = 4 (3)
	5 = 5 (9)	5 = 5 (17)
	6 = 6 (13)	6 = 6 (2)
	7 = 7 (10)	7 = 7 (11)
	DIA (18)	8 = 8 (1)

Diagnostic Indication		
LED	Indication	Condition
1...8 A/B DIA	yellow/white	Function
1...8 A/B DIA	red	Periphery faults*
PWR	green	System power supply

* The peripheral error is sent as a collective message via the supply line to the control system. This message can be evaluated by the control system and issued as an error message. Therefore there is no channel B available for socket 8.



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Technical Data

Environmental

Degree of protection IP 67 / NEMA 6P
 Operating temperature range 0°C (+32°F) / +60°C (+140°F)

Mechanical

Housing PBT
 Insert M12 PA
 Contact M12 CuZn, pre-nickel and 0.3 microns gold-plated
 O-ring M12 FKM
 Insert M23 PBT
 Contact M23 CuZn, pre-nickel and 0.8 microns gold-plated
 O-ring M23 NBR
 Receptacle shell CuZn, nickel-plated

Electrical

Nominal current at 40°C 7.5 A max. total
 Nominal voltage 10-30 V DC
 Short circuit protection yes
 electronic fuses for all channels
 I max outputs 500 mA
 I max inputs 100 mA
 Operation indicator LED green
 Function indicator LED yellow/white
 Pollution degree 3

Accessories (included)

ZVK 2 dust covers for unused sockets
 ZBS 10 attachable labels

Part Number	Ports	Mating Control Cables	Characteristics
ASBSVD 8/LED W5	8	RKUF 19-242/...M or RKWUF 19-242/...M	 