

M12 Actuator/Sensor Distribution Boxes

ASBSVD 8/LED W5

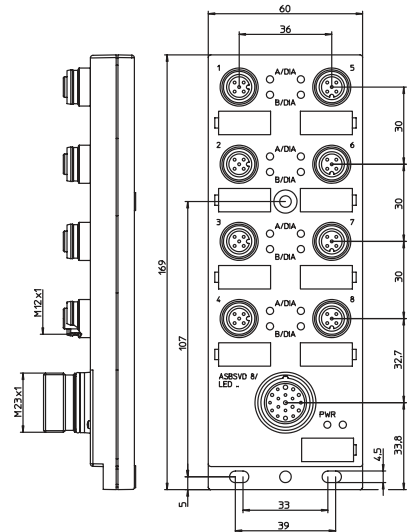


8-Ports (LED)

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

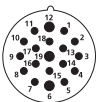
Wiring Diagrams

5 P / 19 P

8-Ports



1 = +24 V (19)
 3 = -0 V (6)
 5 = 12 (PE)

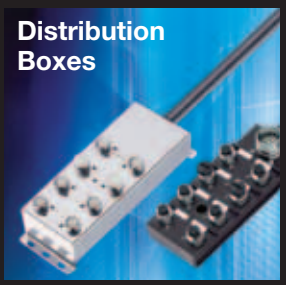


Channel B		Channel A	
2 = 1	(7)	4 = 1	(15)
	(4)		(5)
	(8)		(16)
	(14)		(3)
	(9)		(17)
	(13)		(2)
	(10)		(11)
	(18)		(1)

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	 

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