

M12 Actuator/Sensor Distribution Boxes

ASBSVD 8/LED W5

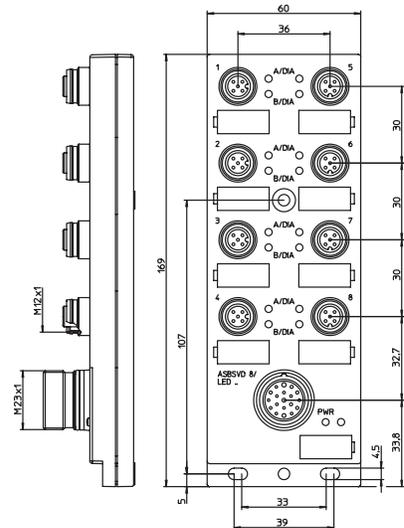


8-Ports (LED)

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 –

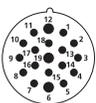
8-Ports



Pin Assignments

M12 / M23

5 P / 19 P



Wiring Diagrams

8-Ports

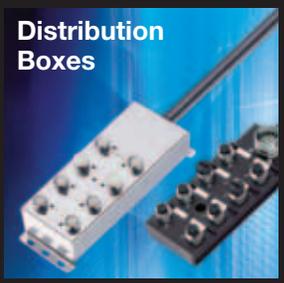
1 = +24 V (19)
 3 = -0 V (6)
 5 = 12 (PE)

| Channel B | | Channel A | |
|-----------|------|-----------|------|
| 2 = 1 | (7) | 4 = 1 | (15) |
| 2 = 2 | (4) | 4 = 2 | (5) |
| 3 = 3 | (8) | 4 = 3 | (16) |
| 4 = 4 | (14) | 4 = 4 | (3) |
| 5 = 5 | (9) | 4 = 5 | (17) |
| 6 = 6 | (13) | 4 = 6 | (2) |
| 7 = 7 | (10) | 4 = 7 | (11) |
| DIA | (18) | 4 = 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.



Be Certain with Belden

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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 |   |