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M12 Rugged Distribution Boxes Two Signals Per Socket, with or without LED

Technical Data

Environmental Conditions

Degree of protection	IP65 / IP67
Pollution severity	3
Operating temperature range	-40°C / +80°C (dragchain and UL max. 60°C)

Materials

Contact	CuZn, pre-nickel and gold-plated
Contact bearer	TPU-GF
Housing	Zinc die casting
O-ring	FKM

Electrical Data

Rated voltage	30 V
Rated current*	4 A per outlet / 12 A max. total; at 40°C
Rated impulse voltage	32 V
Contact resistance	≤5mΩ
Insulation resistance	> 10 ⁹ Ω

* only in locked position with its proper counterparts or dust covers

Additional Technical Data

operation display: LED Green
Function display / channel status:
LED Channel A: Yellow
LED Channel B: White

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Color	Outside Diameter
256	PUR, halogen-free	3 x 1.00 mm ² 8 x 0.50 mm ²	Black	.457" (11.6 mm)
242	PUR, halogen-free	3 x 1.00 mm ² 16 x 0.50 mm ²	Black	.453" (11.5 mm)

Part Number	Ports	Standard Cable Length	Characteristics
ASBV-R 4 5-4-256/...M	ASBV-R 4/LED 5-4-256/...M	4	5M and 10M
ASBV-R 8 5-4-242/...M	ASBV-R 8/LED 5-4-242/...M	8	5M and 10M



Mouser Electronics

Authorized Distributor

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[ASBV-R 8/LED 5-242/5 M](#)