



Product data sheet

48447/2D/L/68 - Junction box flat cable DALI IP IP68 5P BUS



Junction box flat cable DALI IP IP68 5P BUS. For feeding or branching with knife contacting

Characteristics	
Eldas number	150703607
Base Unit	Piece
availability	available from stock
EAN Code	7611718250668
group	170000
Packaging unit	1
country of origin	CH
Customs tariff number	8536.9080
Weight (g)	210 g
Color	black
Technical data	
Box Type	Junction boxes
Fire load (KWh)	0,74 kWh
Dimensions length x width x height (mm)	155x50x55 mm
Dimensions length x width x height (inch)	6,1x1,97x2,17 inch



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Degree of protection	IP66/IP68 (2m,30min)
Metal parts	Corrosion protected
Flat cable contacting type	Piercing contact (knife)
Number of poles	5 pole bus 2 pole
Contacting type	Screw terminal
Connection conductor (mm <sup>2</sup> )	1,5 - 2,5 mm <sup>2</sup>
Connecting capacity (mm)	3.0x3.5 mm
Thread cable gland	M20x1.5 / Bus-M16x1.5
Rated current bus section (A)	17.5(1.5mm <sup>2</sup> ) / 13.5(1.0mm <sup>2</sup> ) /9(0.75mm <sup>2</sup> ) /6(0.5mm <sup>2</sup> ) A
Rated voltage bus part (V)	250 V
Rated current heavy current part (A)	24(2.5mm <sup>2</sup> ) A
Rated voltage heavy current part (V)	250/400 V
Operating Temperature (°C)	-15 to 85 °C
Installation temperature min. (°C)	5 °C
Plastic parts	Halogen-free
Material slider/bottom part	Polyamide, black
Material housing	Polyamide , black
Material hood	Polyamide, black
Number Screwdriver Clamping screws Bus part	1
Service torque clamping screws bus section (Nm)	0,7 Nm
Number Screwdriver Clamping screws Heavy current part	1



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Tightening torque for clamping screw (Nm)	0,7 Nm
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### Product accessories



#### **48560/01/M16 - Cable gland M16x1.5 Ø 4.5-6.0 mm IP68**

Cable gland M16x1.5 with O-ring, clamping range Ø 4.5-6.0mm made of plastic to junction boxes IP68



#### **48560/03/M16 - Cable gland M16x1.5 Ø 6.0-8.0mm IP68**

Cable gland M16x1.5 with O-ring, clamping range Ø 6.0-8.0mm made of plastic to junction boxes IP68



#### **48560/05/M16 - Cable gland M16x1.5 Ø 8.0-10.5mm IP68**

Cable gland M16x1.5 with O-ring, clamping range Ø 8.0-10.5mm made of plastic to junction boxes IP68



#### **87100M - Blind plug IP68**

of nickel-plated brass M16x1.5 IP68



#### **48560/02/M20 - Cable gland M20x1.5 Ø 6.0-8.0 mm IP68**

Cable gland M20x1.5 with O-ring, clamping range Ø 6.0-8.0 mm made of plastic to junction boxes IP68



#### **48560/03/M20 - Cable gland M20x1.5 Ø 8.0-11.0mm IP68**

Cable gland M20x1.5 with O-ring, clamping range Ø 8.0-11 mm made of plastic to junction boxes IP68



#### **48560/05/M20 - Cable gland M20x1.5 Ø 11.0-15.0mm IP68**

Cable gland M20x1.5 with O-ring, clamping range Ø 11.0-15 mm made of plastic to junction boxes IP68



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### Product systems



#### Flat cable system Dali IP 5G2.5 2x1.5 mm<sup>2</sup> (IP66/68)

This flexible system combines power current and Dali bus line in one cable application. Due to the high IP protection degree IP66/68 this system is suitable in environments with high humidity, dust and oil and is therefore often used in tunnels, in civil engineering, in industrial plants, workshops and joineries, as well as outdoors for parking lot lighting, events and open airs.

