



Product data sheet

49945/OS - Flat cable DALI 5G2.5mm²+2x1.5mm² PVC BU



Flat cable Woertz DALI 5x2.5mm 2+2x1.50mm 2 PVC pastel blue for DALI

Characteristics	
Eldas number	113488018
Base Unit	Meter
availability	Delivery in 4 weeks
EAN Code	7611718257704
group	170000
Packaging unit	-
country of origin	CH
Customs tariff number	854449
Weight (g)	350 g
Copper weight (g)	149 g
Technical data	
Construction (mm²)	5x2.5+2x1.5 mm²
Dimensions width x height (mm)	32x6 mm
Halogen free	No
Cable type	PVC flat cable



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International designation	N1VVH2-K
Reaction to fire classification	Eca
Cross section (mm ²)	2.5 mm ²
Copper conductor	Tinned, flexible KL5 EN60228
Conductor resistance (ohm/km)	8,21 ohm/km
cores insulation	PVC
Cores colors	gray,black,brown,blue,green/yellow
Cross section -BUS (mm ²)	1,5 mm ²
BUS-Copper conductor	Tinned, flexible KL5 EN60228
BUS-Conductor resistance (ohm)	13,7 ohm
BUS-Cores insulation	Polyethylene
BUS-Cores colors	Nature
BUS-Screen	Without
Sheat insulation	PVC
Sheath color	Pastel blue
Minimum bending radius	6xH
Operating Temperature (°C)	-25 to 70 °C
Installation temperature min. (°C)	5 °C
Nominal voltage (VAC)	600/1000 VAC
Test voltage	4 kV/50Hz
BUS-Rated voltage (V)	300 V



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BUS-Test voltage	4 kV/50Hz
BUS-capacity (pF/m)	70 pF/m pF/m
Fire load (kWh/m)	1,18
Flame retardant according to	IEC/EN60332-1-2



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Product accessories



49731 - Fastening clamp FC combi / power

to screw on



49733 - Fastening clamp FC combi / power

Cable clamp screw-on, for flat cable power 5G2.5 mm²



49960 - Insulating pad for flat cable

Scotch 2210



49733A - Fastening clamp FC combi / power Glue

Cable clamp for gluing, for flat cable power 5G2.5 mm²



48510/07 - End piece combi / DALI 5G2.5mm²+2x1.5mm² IP68

End piece IP68 for flat cables combi /DALI 5G2.5mm²+2x1.5mm².



49386 E90 - Riser clamp E90

Max. Bride load: 50kg. For Woertz fire safety flat cable: Woertz FE180 3G2.5 and 4 mm², Woertz FE180 5G2.5, 4 6 mm². For Woertz flat cable: Woertz Technofil 5G2.5 1.5 mm², Woertz power 5G2.5 mm², Woertz Power IP 5G2.5 mm² 6 mm², Woertz combi 5G2.5 mm² 2x1.5 mm², Woertz Dali IP 5G2.5 mm² 2x1.5 mm², Woertz Dali 3/5G2.5 mm² 2x1.5 mm², Woertz 5G4 mm², Woertz 7G2.5 mm².



49935 - Cutting shears up to 6 mm²

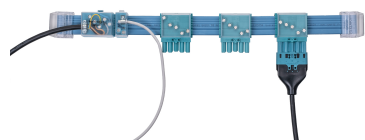
Woertz flat cable shears up to 5x6 mm² (with higher force up to 5x16 mm²)



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Product systems



Flat cable system Dali 5G2.5 2x1.5 mm²

This flexible system combines power current and Dali bus line in one cable application. It is the basis for decentralized lighting control.

The areas of application are office and public buildings, industrial buildings, hotels but also modular buildings with a high degree of prefabrication.

