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Product data sheet

49946/OS - Flat cable Dali 5G2.5²+2x1.5² HF BL

Flat cable Woertz Dali 0.6/1.0kV, 5x2.5+2x1.5mm², for piercing contact in accordance with EN 60998-2-3, halogen-free, FRNC/LSOH, pastel blue, 3LNPE+Bus, reaction to fire class: B2ca s1a d0 a1

Characteristics	
ELDAS® number	113488118
Base Unit	Meter
availability	available from stock
EAN Code	7611718270833
group	0170000
Packaging unit	500 m
country of origin	CH
Customs tariff number	8544.4992
Weight	340 g
Copper weight (g)	149 g

Technical data	
Construction	5x2.5+2x1.5 mm²
Dimensions width x height (mm)	32x6 mm
Halogen free	Yes
Cable type	Halogen free flat cable

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Reaction to fire classification	B2ca s1a d0 a1
Fire behavior	Cables with non-critical behavior (according to VKF 14-15)
Cross section (mm²)	2.5 mm²
Copper conductor	Tinned, flexible KL5 EN60228
Conductor resistance (ohm/km)	8,21 ohm/km
cores insulation	Flame retardant polyolefin
Cross section -BUS (mm²)	1,5 mm²
BUS-Copper conductor	Tinned, flexible KL5 EN60228
BUS-Conductor resistance (ohm)	13,7 ohm
BUS-Cores insulation	Polyolefin
BUS-Cores colors	Nature
BUS-Screen	Without
Sheat insulation	Polyolefin flame retardant
Sheath color	Pastel blue
Minimum bending radius	6xH
Operating Temperature	-25 till 90 °C
Installation temperature min.	5 °C
Nominal voltage (VAC)	600/1000 VAC
Test voltage	4 kV/50Hz
BUS-Rated voltage (V)	300 V
BUS-Test voltage	4 kV/50Hz

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Fire load (kWh/m)	1,16
Halogen free acc. to	IEC/EN60754-1/2
Flame retardant according to	IEC/EN60332-1-2
Minimal smoke emision acc. to	IEC/EN 61034-2
Low fire propagation acc. To	IEC/EN 60332-3-24

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Product accessories

49731 - Cable clamps FC comb/pow/DALI/7 PA GY 1

Cable clamps Woertz Flat cable combi/power/Dali/7x(>,)> PA, gray, 1 fastening.

49733 - Cable clamps FC comb/pow/DALI/7 PA GY 1

Cable clamps, cable clip Woertz Flat cable combi/power/DALI/7x, PA, gray, 1 fastening

49733A - Cable clamps FC comb/po/DA/7 PA GY Gluin

Cable clamps, cable clip Woertz Flat cable combi/power/DALI/7x, PA, gray, 1 fastening, for sticking on

49960 - Insulating pad for flat cable

Insulating tape for flat cable 102x100x2.3 mm, for the proper insulation of the piercing holes of connection boxes, e.g. when relocating or removing them; weather-resistant, cold self-vulcanizing.

48510/07 - End piece FC 32x6mm PC TR IP68

End piece Woertz , for Flat cable 32x6mm(>,)> Combi/Dali/Dali IP(>,)> polycarbonate transparent(>,)> halogen-free, IP68, with silicone gel.

49386 E90 - Cable clamps FC E90 vertical 23-37/6-8 A

Cable clamps Woertz Flat cable E90 for vertical installation 23-37/6- 8mm, in stainless steel V4A, rollers made of ceramic insulation

49935 - Cutting shears up to 6 mm²

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

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.