



Product data sheet

48280/FRNC/OS - Flat cable Dali 3G2.5²+2x1.5² HF BL



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

Characteristics

ELDAS® number	113388008
Base Unit	Meter
availability	available from stock
EAN Code	7611718271632
group	0170000
Packaging unit	500 m
country of origin	CH
Customs tariff number	8544.4992
Weight	261 g
Copper weight (g)	101 g

Technical data

Construction	3x2.5+2x1.5 mm ²
Dimensions width x height (mm)	24.2x6 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 (mm ²)	2.5 mm ²
Copper conductor	Tinned, flexible KL5 EN60228
Conductor resistance (ohm/km)	8,21 ohm/km
cores insulation	Flame retardant polyolefin
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	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)

1,79

Halogen free acc. to

IEC/EN60754-1/2

Flame retardant according to

IEC/EN60332-1-2

Minimal smoke emission acc. to

IEC/EN 61034-2

Low fire propagation acc. To

IEC/EN 60332-3-24



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Product accessories



48510/05 - End piece FC 23-24,5x6mm PC TR IP68

End piece Woertz , for Flat cable 23-24,5x6mm(>,>) Technofil / Power 5x2,5mm² and Dali 3x2,5mm² + 2x1.5mm² (Bus), of polycarbonate transparent(>,>) halogen-free, IP68 with silicone gel.



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

Cable clamps 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



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



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.



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)



48103/L1/3C1/S - Quick-connection Box for FC Dali 3x2,5+2x1,5mm² 3P C1

Quick-connection Box-outgoing box Woertz IP20/40, 3-pole, LNPE, with socket Code 1, for flat cable Woertz Dali 3x2,5+2x1,5mm², with fastening possibility, halogen-free, corrosion-protected



48103/5C2/S - Quick-connection Box for FC Dali 3x2,5+2x1,5mm² 5P(Bus) C2

Quick-connection Box-outgoing box Woertz IP20/40, 5-pole(Bus), LNPE+Bus, with socket Code 2, for flat cable Woertz Dali 3x2,5+2x1,5mm², with fastening possibility, halogen-free, corrosion-protected



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Product systems



Flat cable system Dali 3G2.5+2x1.5 mm²

This flexible system combines power current and Dali bus line in one cable application and is the basis for decentralized lighting control. The application areas are office and public buildings, industrial buildings, hotels but also modular buildings with a high degree of prefabrication.

