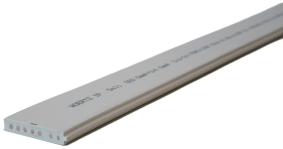




Product data sheet

49864/FRNC - Flat cable DALI IP 5G2.5mm² 2x1.5mm² FR/LS0H



Woertz Dali IP 5x2.5mm² 2x1.5mm², halogen-free, FR/LS0H, light gray, 3LNPE, B2ca s1 d0 a1,

Characteristics	
Eldas number	113398009
Base Unit	Meter
availability	available from stock
EAN Code	7611718257667
group	170000
Packaging unit	-
country of origin	CH
Customs tariff number	854449
Weight (g)	340 g
Copper weight (g)	149 g
Technical data	
Construction (mm ²)	5x2.5+2x1.5 mm ²
Dimensions width x height (mm)	33x6 mm
Halogen free	Yes
Cable type	Halogen free flat cable



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International designation	N1Z1Z1H2-K
Reaction to fire classification	B2ca s1 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	Light gray
Minimum bending radius	6xH
Operating Temperature (°C)	-25 till 90 °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)	1,29
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



Product data sheet

49864/FRNC - Flat cable DALI IP 5G2.5mm² 2x1.5mm² FR/LS0H

Product accessories



49731 - Fastening clamp FC combi / power
to screw on



49960 - Insulating pad for flat cable
Scotch 2210



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)



48116/L1/5C2/S - Quick connection box FK Dali 5G2.5 2x1.5 IP68 L1 (5P, C2)

Quick connection outlet box IP68 with 5-pole socket Code2 (DALI),assignment L1-N-PE-D1-D2, 250V 20A, for flat cable Art.49864/FRNC.



48116/L2/5C2/S - Quick connection box FK Dali 5G2.5 2x1.5 IP68 L2 (5P, C2)

Quick connection outlet IP68 with 5-pole socket Code2 (DALI),assignment L2-N-PE-D1-D2, 250V 20A, for flat cable Art.49864/FRNC.



48116/L3/5C2/S - Quick connection box FK Dali 5G2.5 2x1.5 IP68 L3 (5P, C2)

Quick connection outlet box IP68 with 5-pole socket Code2 (DALI),assignment L3-N-PE-D1-D2, 250V 20A, for flat cable Art.49864/FRNC.



48116/L1/3C1/S - Quick connection box FK Dali 5G2.5 2x1.5 IP68 L1 (3P, C1)

Quick connection outlet box IP68 with 3-pole socket Code1, allocationL1-N-PE, 250V 20A, for flat cable Art.49864..



48116/L2/3C1/S - Quick connection box FK Dali 5G2.5 2x1.5 IP68 L2 (3P, C1)

Quick connection outlet box IP68 with 3-pole socket code1, allocationL2-N-PE, 250V 20A, for flat cable Art.49864..



Product data sheet

49864/FRNC - Flat cable DALI IP 5G2.5mm² 2x1.5mm² FR/LS0H



48116/L3/3C1/S - Quick connection box FK Dali 5G2.5 2x1.5 IP68 L3 (3P, C1)

Quick connection outlet box IP68 with 3-pole socket code1, allocationL3-N-PE, 250V 20A, for flat cable Art.49864..



48116/5C1/S - Quick connection box FK Dali 5G2.5 2x1.5 IP68 3L (5P, C1)

Quick connection outlet box IP68 with 5-pole socket code1, allocation3L-N-PE, 250/400V 20A, for flat cable Art.49864..



Product data sheet

49864/FRNC - Flat cable DALI IP 5G2.5mm² 2x1.5mm² FR/LS0H

Product systems



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

