



Product data sheet

49946RT - Flat cable combi 5G2.5mm²+2x1.5mm² HF RD 2.0



Flat cable Woertz combi 5x2.5mm 2+2x1.50mm 2 FR/LS0H red 3LNPE

Characteristics	
Eldas number	113388017
Base Unit	Meter
availability	Delivery according to agreement
EAN Code	7611718269752
group	170000
Packaging unit	-
country of origin	CH
Customs tariff number	854449
Weight (g)	340 g
Copper weight (g)	149 g
Technical data	
Construction (mm²)	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	Cca s1 d1 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	Aluminum tape
Sheat insulation	Polyolefin flame retardant
Sheath color	Red
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
BUS-Test voltage	4 kV/50Hz



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BUS-capacity (pF/m)	70 pF/m pF/m
BUS-Attenuation	1.2 dB/m @1Hz
BUS-Impedance	75 Ohm @ 1MHz
Fire load (kWh/m)	1,16
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



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



49738 - Slide with plates combi / DALI
with fixing brackets



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



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)



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

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



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Product systems



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

Intelligent building control in a flexible system. Power current and bus data line combined for maximum efficiency. For office and public buildings, industrial buildings, hotels and modern modular buildings. Experience the future of building automation with our innovative solution.

