

DALI CABLING SYSTEM (3G2.5 mm² + DALI-Bus)



ADVANTAGES AT A GLANCE

- decentralized installation, therefore a reduced cable quantity and thus minimum fire load
- DALI control and power supply on one flat cable for up to 64 DALI luminaires
- fast, flexible installation in site
- mounting safety through system coding

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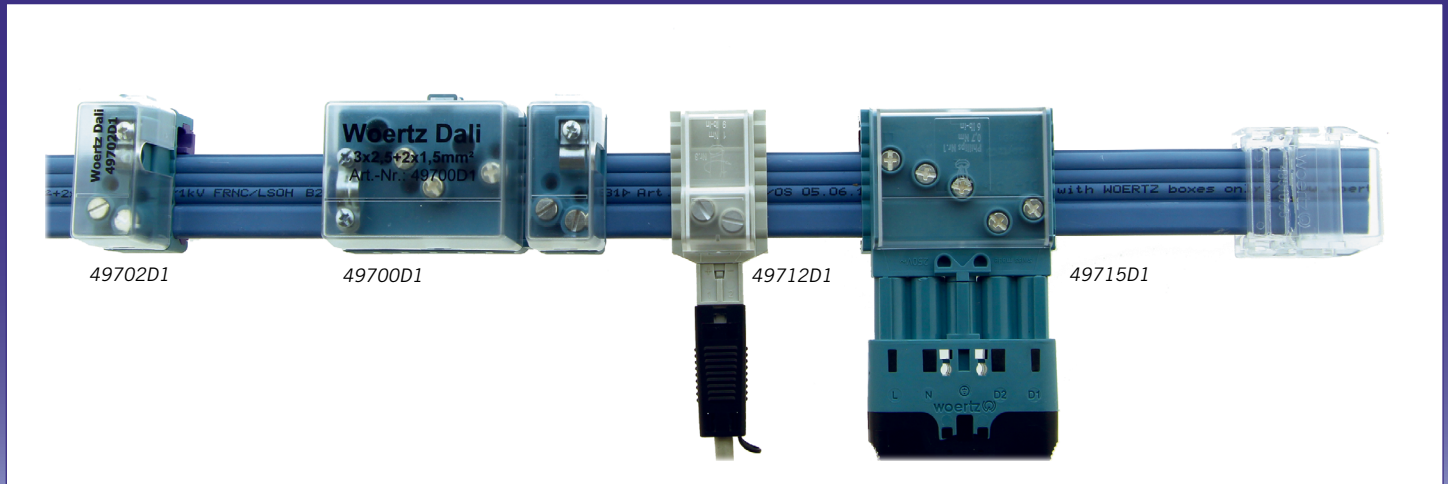
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Flat cable (3G2.5 mm² + DALI-Bus)

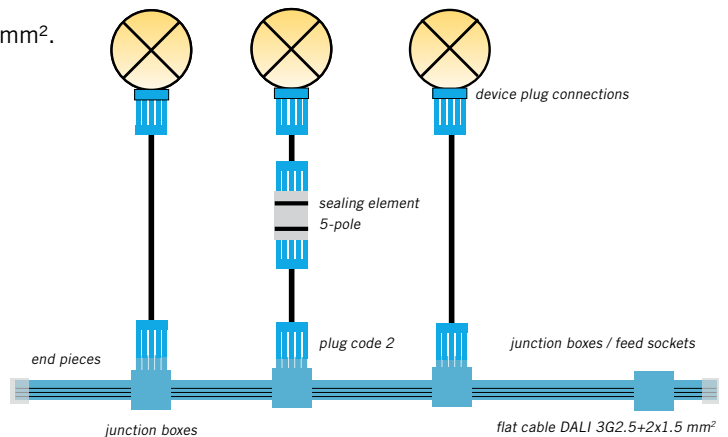
Woertz has developed a 1-phase bus flat cable with corresponding junction boxes.



technical data		product	Art. No.
cable type	halogen free flat cable	flat cable 3G2.5+2x1.5 mm ²	48280/FRNC/OS
construction products regulation	B2ca s1 d0 a1	junction box LNPE+Bus	49700D1
cable construction	3G2.5+2x1.5 mm ² , LNPE+Bus	junction box Bus	49702D1
sheath color	pastel blue	junction box LNPE+Bus C2	9715D1
sheath and core insulation	polyolefin, flame retardant	junction box Bus CW	49712D1
copper conductor	fine wire tinned	connectors C2	49345/.../C2
rated voltage	600/1000 V AC	device plug connections C2	49345/GA/.../C2
fire load	1.79 kWh/m	end piece	48510/05

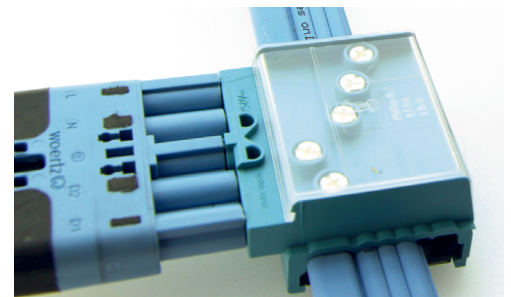
Power and bus conductors combined in a single cable 3G2.5+2x1.5 mm².
The bus conductors are dimensioned for 220-240 V.

Applications for luminaire cabling



Woertz pre-assembly

- increased efficiency
- valuable installation time save on site
- flexible and easily extensible installation
- fast commissioning thanks to tested prefabrication
- reduced operating costs through reduced energy consumption
- reduced cable quantity and thus minimized fire load
- unique mounting safety thanks to system coding



Woertz DALI-system

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