

LSA Connection Module 1/20 20pairs



Art.-No.	Type
46001.1V2	LSA connection module 1/20 20pairs

- Printed with numbers 2 x 1..0
- For screw fastening
- Fixing dimension 170 mm

Mechanical data for plastic insulated copper wire

- Conductor diameter: 0.40 to 0.80 mm
- Outer diameter: 0.68 to 1.60 mm; AWG 26 to 20

Mechanical data for LSA contacts

- Contact can be connected with 2 conductors (same diameter) 0.50 to 0.65 mm
- Durability ≥ 50 cycles, with 2 conductors max. 20 cycles
- Contact material: special brass, silver-plated in contact area $\geq 5 \mu\text{m}$

Mechanical data enclosure

- Material: self-extinguishing polyester PBT
- Flammability: UL94 V-0

Electrical data

- Isolation-resistance: $> 5 \times 10^4 \text{ M}\Omega$
- Contact resistance: $< 1 \text{ m}\Omega$
- AC-Voltage: $2 \text{ kV}_{\text{eff}}$
- Impulse withstand voltage (wave form 8/20 μs): 3.6 kV
- Allowed ampacity:
 - LSA contact: equivalent to the ampacity of the connected conductor
 - LSA connection module - conductor diameter $\geq 0.6 \text{ mm}$: 10 kA

Climatical data

Application in dry or humid rooms without condensation

- Temperature range: -40°C up to $+90^\circ\text{C}$ while storage
 -20°C up to $+80^\circ\text{C}$ while operation

RoHS
compliant

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