



Application

- xDSL, Analog / Digital telephone service
- Ethernet (10BaseT) mit 10 MBit/s
- Token Ring mit 4 or 16 MBit/s
- TPDDI with 100 MBit/s
- More data and communication services

Type	LSA-CM / LSA-DM 10 Pair
UL 94 Flammability Rating	Self Extinguishing, V-0
Material	PBT-PC
Dimension (WxHxD) in mm	112 x 12.5 x 42
Weight	29 gm
Capacity	10 Pair
Operational Temperature	-40°C to +80°C
Storage Temperature	-40°C to +90°C
Color	Connection module: Jumper Side RAL 7035 (Light grey) & Cable side RAL 6018 (green) Disconnection module: Jumper Side RAL 9010 (pure white) & Cable side RAL 6018 (green)

Features and Compliance

- Module with LSA-contacts (@ 45° angle) for connecting plastic-insulated copper conductors with solid or stranded copper cores
- For insulation displacement connections in compliance with IEC 60352-4 and DIN 41611-6-C-EL-CL
- Used in Dry or Damp Rooms without condensation

Mechanical Specification for Plastic Insulated Copper Conductors

- For Solid Conductors: 0.35 to 0.65mm (AWG27 to AWG22)
- For Stranded Conductors: 7 x 0.12mm – 7 x 0.32mm (AWG28 to AWG20)
- Supporting Outer Diameter of Insulation (PVC and PE): 0.60 – 1.40mm
- Repeatability of Wire Connections
 - With stranded or solid conductors 0.35 to 0.65 mm : 200 Times
 - With solid conductors 0.80 mm : 50 Times
- Contact material : Special brass plated

Electrical Specification

The electrical parameters were determined after 4 days of storage under constant conditions at 40 ° C (104 ° F) and 93% relative humidity.

- Insulation resistance 500V : 5 x 10⁴ MΩ
- AC resistance : 2 kV_{eff}
- Impulse withstand voltage (waveform 1.2/50 μs): 3.6 kV
- Permissible surge current (waveform 8/20 microseconds) of the LSA contact
 - At Core diameter ≥0.6 mm: 10 kA
 - At Core diameter <0.6 mm: 5 kA
- Contact resistance (wire connection) : Typical: 1.0 mΩ / Guaranteed : ≤2.5 mΩ

Part Number

D068-LSADM10Y	DME PROLINK LSA Disconnection Module 10 Pair for Profile Rods with Rear Center Contact for use of permanent Overvoltage Protection / Without Color code
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Variance

D068-LSADM10N	LSA Disconnection Module 10 Pair without Overvoltage Protection
D068-LSACM10Y	LSA Connection Module 10 Pair with Overvoltage Protection
D068-LSACM10N	LSA Connection Module 10 Pair without Overvoltage Protection

LSA : Lötfrei Schraubfrei Abisolierfrei (no solder, no use of screws, no insulation removal) in German