

TrueNet®

LSA-PLUS® to Screw Terminal Disconnection Module

Issue 5



Used for interfacing between telecom size conductors terminated in the IDC module with conductors up to 2.5 mm² terminated in the screw terminals. Interfacing is achieved via tracking on the pcb.

Features:

- Terminates 20 incoming and outgoing conductors
- Wires cannot be terminated in contacts marked "X"
- Equipped with side jumper rings
- For mounting on either Profil or Backmount frames
- Occupies two module positions on the mounting frames

Specifications

Environment: Indoors, in dry closed rooms
Working temperature range: -20°C to +80°C

LSA-Plus modules :

Insulation diameter : 0.70-1.60mm
Copper conductor diameter: 0.40-0.80mm
Multistrand Conductor: 7/0.2-7/0.32mm
Number of equal diameter solid conductors per slot: 2 max (up to 0.65mm each)
Number of equal diameter multistrand conductors per slot: 1 max
Flammability rating of plastic housing: UL 94 V0
Contact material: high strength spring copper alloy
Contact plating: silver plated
Insulation resistance: $\geq 5 \times 10^4 M\Omega$
Dielectric strength:
 Adjacent contact: $\geq 2000VAC$
 Opposite contacts: $\geq 1800VAC$

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Current rating of LSA-PLUS contact:..... = Current carrying capacity of terminated conductor

Contact resistance: ≤1mΩ typical
 ≤5mΩ guaranteed

Contact force at disconnection point: approx: 3N

Total contact resistance:..... ≤10mΩ

Number of re-terminations:..... ≥200

Coupling capacitance between wires: ≤1pF

Screw Terminals:

Screw terminal capacity - diameter:..... 1.7mm

Screw terminal capacity - area:..... 2.5mm²

Electrical rating of complete assembly:

Current/voltage rating:..... ≤150 VAC at 1.5A max.peak

Insulation resistance:..... ≥100MΩ

Dielectric strength:..... ≥100VAC

Ordering Information		
Description	Quantity	Product No.
LSA-PLUS to Screw Terminal Module, Profil	Bag of 1	6467 1 043-00
LSA-PLUS to Screw Terminal Module, Backmount	Bag of 1	6467 1 007-01

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