

TrueNet®

PCB Disconnect Module

Issue 5



LSA-PLUS® PCB modules for soldering directly to printed circuit boards, offering direct electrical connection.

Features:

- Wires can be terminated on both the upper and lower rows of contacts
- Both rows of contacts interface with the PCB
- Capacity to terminate 40 conductors
- Module printed 1-10 on bottom row only
- Access is provided in the module for testing or overvoltage protection

Specifications

Mechanical:

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

Electrical:

Insulation resistance:..... $\geq 5 \times 10^4 M\Omega$
 Dielectric strength:
 Adjacent contacts $\geq 2000VAC$
 Opposite contacts $\geq 1800VAC$
 Current rating of LSA-PLUS® contact:..... = Current carrying capacity
 of terminated conductor

SPEC SHEET



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Contact resistance: ≤1mΩ typical
 ≤5mΩ guaranteed
 Total contact resistance:..... ≤10mΩ
 Number of re-terminations:..... ≥200
 Coupling capacitance between wires: ≤1pF

Ordering Information

Description	Quantity	Colour	Product No.
Disconnection PCB Module, 10-pair – without side jumper rings	Box of 10	White	6468 5 028-00
Disconnection PCB Module, 10-pair – with side jumper rings	Box of 10	White	6468 5 028-01

SPEC SHEET



KRONE



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