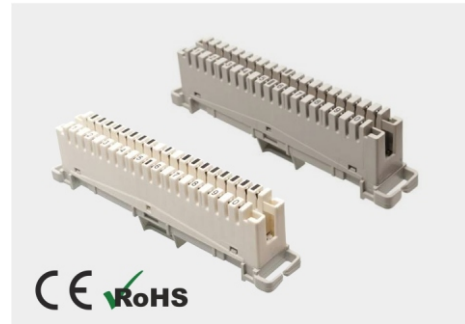


10 PAIR CONNECTION/DISCONNECTION MODULE

Norden LSA Profile Connection/Disconnection modules are designed for telecommunication and data communication networks especially to use in MDF, IDF, cross connection cabinets, DPs and are available in 8 pair, 10 pair sizes. The design uses our unique Insulation Displacement Contact (IDC) technique which clamps the wires at a 45° angle.

Disconnection modules have two piece contacts normally closed, incorporating a disconnection facility, this gives all the features as above plus the added advantage of individual pair disconnection and four wire test access.



FEATURES

- Gas tight connection with self cleaning contact
- Two wires per contact
- One push wire insertion
- No Wire-stripping, screw and solder free
- Only one inexpensive tool required

COMPLIANCE

- Transmission & reliability ISO/IEC 11801, TIA/EIA -568A
- Performance in tropical climate 40/92 DIN 50015
- Performance in corrosive environment DIN 40046 (corrosive & salt laden air)
- Performance in vibrative environment BS 2011, part 2

MATERIAL CONSTRUCTION & DESIGN

Material-Plastic Parts	ABS or PBT
Flammability	UL94V-0
Dimension	124 mm x 21 mm x 30 mm
IDC Type	Krone or 110
IDC Contact Blade	Phosphor Bronze or Tin Brass with silver plating (0.5 µm)
IDC Contact Positioning	45° angle across wire axis
Internal Dia. of Connectable Solid Wire	0.35 - 0.9 mm (26-20 AWG)
Outer Dia. of Connectable Solid Wire	0.68 - 1.5 mm with PE, PVC, LSZH Insulation
Outer Dia. of Connectable Stranded Wire (7 Tin Coated Strands)	up to 2.1 mm (28-20 AWG)
Wire Insulation Diameter	0.7 - 1.6 mm (PE & PVC Ins)
No of Equal Wire Per Contact	Max. 2

MECHANICAL, ENVIRONMENTAL & TRANSMISSION DATA

No of Re-terminations	≥200
No of Patching Cycles	≥1000
Max. Relative Humidity	95 % Non condensing
Operating Temperature	-20 °C to +80 °C
Storage & Transport Temperature	-40 °C to +90 °C
Pulling Out Force	≥ 25 N
Attenuation @100 MHz	≤ 0.2 dB

10 PAIR CONNECTION/DISCONNECTION MODULE

ELECTRICAL DATA

Insulation Resistance	$\geq 50 \text{ G}\Omega$
Contact Resistance at IDC Point	$\leq 2.5 \text{ m}\Omega$
Contact Resistance Incl. Disconnection Contact	$\leq 7 \text{ m}\Omega$
Dielectric Strength	2 KV r.m.s
Impulse Withstand Voltage (1.2/50 μs)	3.6 kV
Impulse Current (8/20 μs)	10 kA
Operation Voltage For Basic Insulation	210 VDC TNV
Pollution Severity	II
Current-Carrying Capacity	2 A

ORDERING INFORMATION

Part Number	Description
221-02A10	10 Pair Connection Module Grey
221-03A10	10 Pair Disconnection Module Cream

PACKING INFORMATION

Part Number	Packing Qty.	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
221-02A10	10 x 25 x 1	Carton Box	14.0	15.0	580 x 270 x 250
221-03A10	10 x 25 x 1	Carton Box	14.0	15.0	580 x 270 x 250