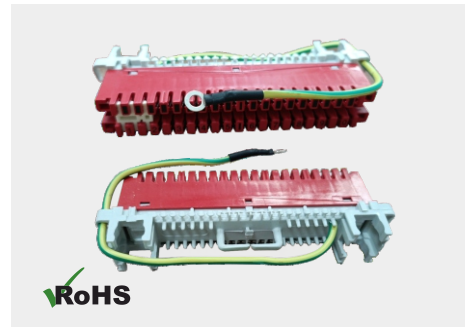


# DISCONNECTION MODULE WITH GROUND BAR

Norden 10 Pair Disconnection Module with Ground Bar, designed for seamless integration into telecommunications infrastructure like telecommunication and data communication networks especially to use in MDF, IDF, cross connection cabinets, DPs. Featuring an integrated ground bar, premium construction, and modular design, it ensures safety, reliability, and ease of use. With EMI shielding and compliance with industry standards, it guarantees optimal performance and signal integrity. Versatile for various applications, from data centres to network distribution frames, this module offers efficient connectivity solutions for diverse environments.



## 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	PBT
Dimension	124 mm x 21 mm x 30.5 mm
IDC Type	Krone or 110
IDC Contact Blade	0.5 mm Silver Plated Bronze
IDC Contact Positioning	45° angle across wire axis
Internal Dia. of Connectable Solid Wire	0.31 - 0.95 mm
Outer Dia. of Connectable Solid Wire	1.5 mm with PE, PVC, LSZH Insulation
Outer Dia. of Connectable Stranded Wire (7 Tin Coated Strands)	up to 2.6 mm
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

# DISCONNECTION MODULE WITH GROUND BAR

## ELECTRICAL DATA

Insulation Resistance	≥ 50 GΩ
Contact Resistance at IDC Point	≤ 2.5 mΩ
Contact Resistance Incl. Disconnection Contact	≤ 7 mΩ
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
221-05A10	10 Pair Disconnection Module with Ground Bar -Red

## PACKING INFORMATION

Part Number	Packing Qty.	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
221-05A10	10 x 25 x 1	Carton Box	14.0	15.0	580 x 270 x 250