

Disconnection Module

designed by



madison

Madison Technologies 10 Pair Disconnection Module

Summary of benefits

- Pair Numbering 1 - 0
- ACMA Compliant
- 10 Per Pack
- Highly reliable insulation displacement contact
- Quick and easy to use
- Commercially attractive
- Can be installed to existing industry standard backmount frames
- Gas tight connection
- Two wires per contact
- Individual pair disconnection structure
- Protection facility
- Test and patch facility



Madison Technologies 10 Pair Disconnection Module for 22.5mm backmount frames. Disconnection contact on the front for test access, measuring and isolation.

The IDC Module termination system provides an equivalent, reliable high performance connection, circuit isolation with quick and easy patching and testing. It is designed for use on existing equipment, providing a cost effective alternative supply solution. The modules have an extensive range of accessories for cable management, protection and testing.

Specifications

Electrical Data

Dielectric Strength	2kVrms
Dielectric Intensity	AC1000 Vrms 50 Hz or 60 Hz in 60s
Insulation Resistance	1051M
Contact Resistance	7 Mohms minimum
Termination Resistance	1M
Insertion Loss @ 16MHz	0.05dB
Termination Type	Gas tight 2 point IDC
Termination Life	Greater than 200 reterminations

Mechanical Characteristics

Wire Insertion Force (0.4-0.65mm)	40 - 75N
Wire Pull Out Force (0.4-0.65mm)	10 - 12N
Wire Retention Force (0.4-0.65mm)	75% of wire breaking force
Wire Insulation Type	Suitable for all plastic insulations including: PVC, irradiated PVC, Polyethylene, Polypropylene, PTFE, Polyurethane, Nylon, Teflon, and AFUMEX.

Construction

Housing	Lanxess PBT
IDC Material	CuZn 23 A13 Co
IDC Plating	Ag-5.0u
Ground Contacts	Cu5N6/Plating Ni 6-8u

Temperature	
Storage	-40°C to 70°C
Operational	-10°C to 60°C
Humidity	95%

Ordering Details	
Part Number	Description
MT24040	10 Pair Disconnection Module