



UL-4321



## TELEPHONE DISCONNECTION MODULE

### Scope of Application

Telephone Disconnection Modules are designed to the Terminal of MDF (Main Distribution Frame) TC (Telephone Cabinet), CCC (Cross-Connection Cabinet) for mounting on BMF (Back Mount Frame) Function of the Disconnection Module has advantages over the connection module in that the connection between the wiring contacts can be broken This allows several attractive possibilities for instance, testing in two directions the insertion of functional elements such as attenuation plugs or the introduction of sophisticated 5 points protection elements. In its normal uninterrupted state the disconnection contact has the same facilities as the connection contact.

### Drawing

### Technical Standard

- UL94V-0
- RoHS Compliance

### FEATURE

- Contact can be separated, as well as measuring and testing in either/both directions.
- Support all Analog, Digital Signal.
- Easy to terminate and Quick mounting on back mount frames in cabinet on main distribution open frame or 19" rack system.
- IDC (Insulation Displacement Connection) connects wires without solder, screws or removing the insulation.
- Suitable for installing over voltage protection and line protection unit.
- Cross Connection can be either patched or jumpered.
- Certify by TOT No. 51050 01013 [Technical Specification No. OES-002-001-02)



## TECHNICAL SPECIFICATIONS

<b>Housing Material</b>	PBT (Thermo-engineering plastic) UL94V-0 ammability self-extinguishing
<b>Color</b>	Grey
<b>Size in mm.</b>	W122.5 x H31 x D21 (Approximate)
<b>Contact</b>	Phosphor Bronze with $\geq 5 \mu\text{m}$ silver-plated
<b>Wire diameter in mm.</b>	0.40 - 0.80 (26-20 AWG) and 0.70 - 1.60 overall insulation diameter
<b>No. of reterminations</b>	$\geq 200$ ( $\geq 1000$ of patching cycles)
<b>Termination Type</b>	Insulation Displacement 45°
<b>Insulation resistance</b>	$\geq 5 \times 10^4 \text{ M}\Omega$
<b>Contact resistance</b>	$\leq 10 \text{ M}\Omega$
<b>Dielectric Strength</b>	$\geq 2 \text{ KVrms}$ or $2 \text{ Kveff}$ (50 Hz)
<b>Operating Temperature</b>	- 40°C to 80°C
<b>No. of Equal diameter</b>	2 Max

## ORDER INFORMATION

Part number	Description
UL-4321	TELEPHONE DISCONNECTION MODULE 10 PAIR
UL-4331	TELEPHONE DISCONNECTION MODULE 10 PAIR with HINGED LABEL HOLDER