



3M™ QSA disconnection module for 10 pair



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The QSA disconnection module consists of 20 Insulation Displacement Contacts with disconnection facility. The IDC contacts are designed to be used with QSA/ LSA-PLUS approved IDC insertion tools.

For its fixing, several QSA/ LSA-PLUS™ backmount frames are available.

Special disconnection plugs allow to disconnect the cable side from the jumper side. Furthermore, the 4-pole test cord allows separated line side and subscriber side testing.

Features

- System with a pitch of 22,5 mm
- Wire diameter from 0,4 - 0,8 mm
- Assembling on QSA/ LSA-PLUS backmount frames

Benefits

- Wide range of accessories
- Overvoltage protection available

Specifications

Technical characteristics

Contact principle:

Resilient contact design with insulation displacement according to DIN 41611 part 6

Contact termination:

Massive copper wires with diameter 0,4 – 0,8 mm (AWG 26-20) with an outer diameter of 0,7 – 1,6 mm (PE, foamed PE, PVC and PA). Flexible wires have to be tested individually.

Retermination:

Resilient contact design guarantees high quantity of re-terminations without influence on function and secures a gas tight connection.

Conductor range:

0,4 – 0,65 (AWG 26-22) > 200 x 0,8 (AWG 20) > 50 x no retermination with < 0,65 (AWG 22) after 0,8 (AWG 20)

Materials:

Housing: Polycarbonat, self extinguishing UL94 V-0
Colour: RAL 7035
Contacts: special brass alloy, silver-plated

Performance (typical values):

Contact resistance: < 10mΩ
Insulation resistance: > 5x10⁴ MΩ
Dielectric strength: > 2000 VAC / 50 Hz / 1 s
VDE 0472T.509
With stand test: > 4,0 kV (IEC 60-1)
Nominal operating current: < 5 A
Impulse discharge current: 10 kA (wave 8/20µs)
Cross Talk: At 1 MHz > 70dB
At 10 MHz > 55dB
At 20 MHz > 50dB
At 100 MHz > 35dB
Storage temperature range: -40...+90°C
Working temperature range: -40...+80°C

Ordering Information

Ref.-No.



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