



# Quante™

## QSA connection module for 10 pair



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The QSA connection module consists of 20 **I**nsulation **D**isplacement **C**ontacts with test facility. The IDC contacts are designed to be used with QSA/ LSA-PLUS approved IDC insertion tools.

For it's fixing, several QSA/ LSA-PLUS backmount frames are available.

All contacts are connection contacts with closed circuits. Test cords allow the test of lines.

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### 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

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## Technical characteristics

<b>Contact principle:</b>	Resilient contact design with insulation displacement according to DIN 41611 part 6
<b>Contact termination:</b>	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.
<b>Retermination:</b>	Resilient contact design guarantees high quantity of reterminations without influence on function and secures a gas tight connection.
<b>Conductor range:</b>	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

<b>Housing:</b>	PBT, self extinguishing UL94 V-0
<b>Colour:</b>	RAL 7035
<b>Contacts:</b>	special brass alloy, silver-plated

## Performance (typical values)

<b>Contact resistance:</b>	< 10mΩ
<b>Insulation resistance:</b>	> 5x10 <sup>4</sup> MΩ
<b>Dielectric strength:</b>	> 2000 VAC / 50 Hz / 1 s VDE 0472T.509
<b>With stand test:</b>	> 4,0 kV (IEC 60-1)
<b>Nominal operating current:</b>	< 5 A
<b>Impulse discharge current:</b>	10 kA (wave 8/20μs)
<b>Cross Talk:</b>	At 1 MHz > 70dB At 10 MHz > 55dB At 20 MHz > 50dB At 100 MHz > 35dB
<b>Storage temperature range:</b>	-40...+90°C
<b>Working temperature range:</b>	-40...+80°C

# Ordering Information

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# Ref.-No.

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79101-510 40

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### Important Notice

All questions of liability relating to this product are governed by our Terms of Sale subject where applicable to the prevailing law.



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