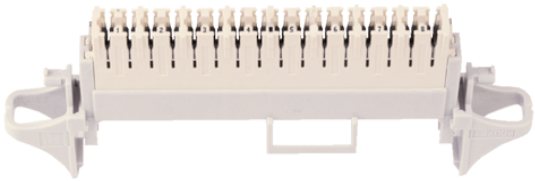




# Quante™

## STG 2000 8/10 pair

## disconnection module Category 5



Quante™ STG 2000 - 8 pair disconnection module



Quante™ STG 2000 - 10 pair disconnection module

Quante™ STG 2000 is the last evolution of STG range of IDC (Insulation Displacement Contact) connection modules, that can be snapped on 3M standard backmount frames Europe 8/10 pairs (pitch 16 mm). 14 mm pitch profile is available upon request.

This module offers category 5 transmission performance as a standard. As a result this module can be used in any modern network and is fully compatible with all kind of application.

Wire termination and wire removal are easily operated with 3M standard termination tool SOR OC. Cables are managed from the rear and jumpers from the side. The base of the module offers cable and jumper strain relief facilities.

Straight IDC technology offers reliability and outstanding performance like multiple retermination, wire retention and gas-tight connection. The module can connect solid copper conductors in a range of diameters from 0.4mm to 0.8mm with a maximum insulation sheath of 1.5mm.

Specific contacts for stranded wires are available upon request.

### Features

- Category 5 as a standard (100 MHz)
- Cable with mono wire copper conductors from Ø 0,4 mm to Ø 0,8 mm on cable and jumper side
- Maximum insulation diameter of 1,5 mm
- Very compact pitch of 16 mm (14 mm pitch profile is available upon request)
- Reliable disconnection area for: testing, monitoring, disconnection or adding protection of each line
- T-connection possible with 2 wires in one slot (2 wires of Ø 0,5 mm together or 1 wire of Ø 0,5,mm first and then 1 wire of Ø 0,6 mm)
- Tin-lead plating on the contact
- IDC embodied contact in plastic casing
- Thickness of contact 0,8 mm
- Wiping resistant marking from 1 to 0 (10 pair modules) or 1 to 8 (8 pair modules) on jumper side

### Benefits

- Multiple retermination possible with all kind of solid copper conductor gauges in the range of 0,4 mm to 0,8 mm (Special contacts for stranded wires 7 x 0,15 mm and Ø 0,2 mm are available upon request)
- Termination and removal of wires with the same tool
- Reliable
- Easy to use
- Improved wire retention (straight IDC)
- High rigidity and contact pressure on the conductor
- Gas-tight connection area corrosion proof
- High-density installation thanks to 16mm compact pitch (1240 pairs on a 2 meters vertical frame)  
14 mm pitch profile is available upon request
- Comprehensive range of protection circuits
- Compatible with all STG accessories

# Specifications

## Technical characteristics

### Electrical Performances

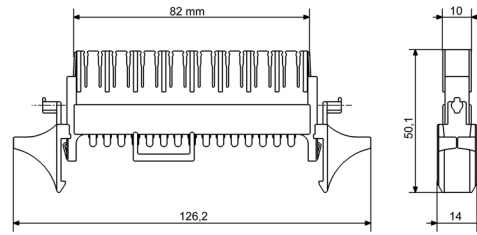
Contact resistance	1 mΩ
Leading through resistance (20 mV / 10 mA, 50 mm cable)	0,4 mm < 24 mΩ
	0,5 mm < 18 mΩ
	0,6 mm < 13 mΩ
	0,8 mm < 10 mΩ
Insulation resistance (500 V)	> 10 GΩ
Dielectric strength (50 Hz)	5 kV

### Materials

Plastic materials	Thermoplastic
Contact material	Bronze
Contact coating	Tin/Lead plated
Self extinguishing plastic	UL 94 V0
Color	ivory

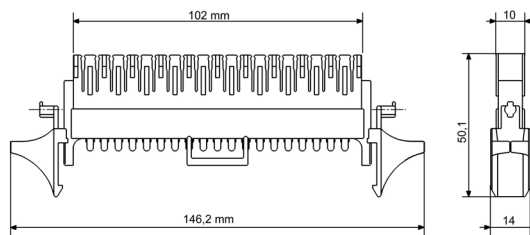
### Dimensions 8 pair modules

(LxWxD): 126,2 x 14, x 50,1 mm



### Dimensions 10 pair modules

(LxWxD): 142,2 x 14,0 x 50,1 mm



## Ordering Information

## Ref.-No.



**Quante™ STG2 C2 10**  
disconnection module for 10 pair

**C252818A0000**



**Quante™ STG2 C2 8**  
disconnection module for 8 pair

**C252800A0000**



**Quante™ STG2 C2 10 P**  
disconnection module for 10 pair with multipair protection facility

**C252819A0000**



**Quante™ STG2 C2 8 P**  
disconnection module for 8 pair with multipair protection facility

**C252801A0000**



**Quante™ STG2 C2 10 PU**  
disconnection module for 10 pair with singlepair protection facility

**C252820A0000**



**Quante™ STG2 C2 8 PU**  
disconnection module for 8 pair with singlepair protection facility

**C252802A0000**

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