



# Content

## Specialty Connectors

### 4. Specialty Connectors

page

#### 4.1 Connectors for PCB applications

Quante™ SJS	294 - 295
Quante™ SID™-P/SID™-CP	296 - 299

#### 4.2 Technical modules

Quante™ STGT	300 - 303
--------------	-----------

#### 4.3 Modules for large cables

Quante™ RGT	304 - 305
-------------	-----------

#### 4.4 Bus termination unit

Quante™ S28	306
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#### 4.5 Screwtype Strips/Boxes

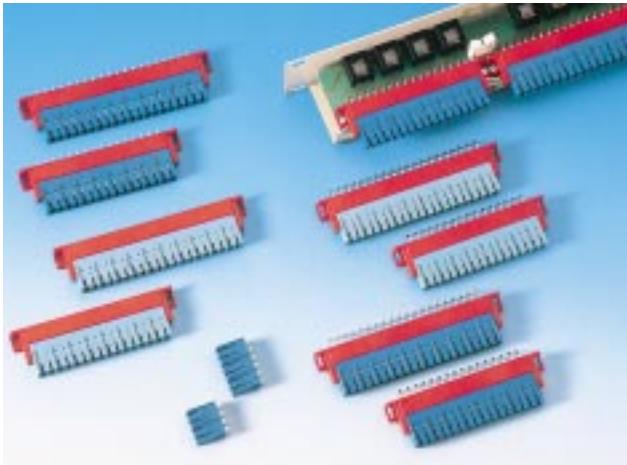
Quante™ Connection Strips	307
Quante™ TRP, Quante™ B12P	308 - 309
Quante™ Distribution Boxes 3-6 pair	310
Quante™ DE Screwtype	311 - 312
Quante™ BR2	313

# 4.1 Connectors for PCB applications

## Quante™ SJS

### Description

#### Quante SJS Strip for PCB



SJS modules for PCB mount are designed to interface twisted copper wires to any PCB. Using the STG straight IDC contact design, SJS modules can accommodate all wires in the range from 0,4 to 0,8 mm. As a result the overall dimensions for the range of modules are very compact.

The range consists of 8 and 10 pair strips with straight or angled soldering pins which provide flexibility when positioning the SJS strips on the PCB.

SJS is also available in 2 and 3 pair strips, which can fit together in order to build higher capacity. The soldering pins are straight for these versions.

8 and 10 pair strips offer additional side holes to secure the mounting on the PCB with 2 screws.

SJS are compatible with all accessories of the STG range. The protection solution to be used with SJS strips is the multipair protection magazine with earth cord.

- The SJS C2 disconnection strips provide disconnection and testing facilities using plugs of the STG modules. They allow the insertion of an item into a circuit in series or in parallel.
- The multipurpose IDC tool is used for wiring up SJS strips as well as terminal blocks and cable-head blocks from the Quante-Pouyet products range.
- SJS connection strips can be used in any application involving electronics - in telephony switching systems for example.

Dimensions	W	H	D
SJS A2 2 p straight	21,3	18	10
SJS A2 3 p straight	31,3	18	10
SJS 8 p straight	100	32,4	10
SJS 8 p angled	100	13	36
SJS 10 p straight	120	32,4	10
SJS 10 p angled	120	13	36

### Highlights

- Straight IDC technology
- Compact
- Straight or angled pins

Module type	No of IDC contacts	No of solder pins	Drilling diameter	Drilling interval
SJS A2, 2 pair, straight outlet	8	8	1,4 mm	5,08 mm
SJS A2, 3 pair, straight outlet	12	12	1,4 mm	5,08 mm
SJS A2, 8 pair, straight outlet	32	32	1,4 mm	5 mm
SJS A2, 8 pair, angled outlet	32	32	1,4 mm	5 mm
SJS A2, 10 pair, straight outlet	40	40	1,4 mm	5 mm
SJS A2, 10 pair, angled outlet	40	40	1,4 mm	5 mm
SJS A2, 8 pair, straight outlet	32	16	1,4 mm	5 mm
SJS A2, 8 pair, angled outlet	32	16	1,4 mm	5 mm
SJS A2, 10 pair, straight outlet	40	20	1,4 mm	5 mm

# 4.1 Connectors for PCB applications

## Quante™ SJS

**Type/Order text**

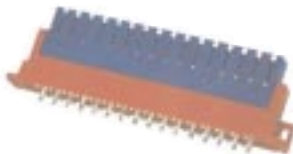
**Ref.-No.**

Quante SJS Modules, without disconnection, Tool-type IDC



SJS A2 module, 2 pairs, straight outlet  
 SJS A2 module, 3 pairs, straight outlet  
 SJS A2 module, 8 pairs, straight outlet  
 DR

C220756A0000  
 C220758A0000  
 C220741A0000



SJS A2 module, 8 pairs, angled outlet  
 DR

C220773A0000



SJS A2 module, 10 pairs, straight outlet  
 DR

C220740A0000



SJS A2 module, 10 pairs, angled outlet  
 DR

C220777A0000

Quante SJS Modules, with disconnection, Tool-type IDC



SJS C2 module, 8 pairs, straight outlet  
 SR

C220744A0000



SJS C2 module, 8 pairs, angled outlet  
 DR

C220775A0000

SJS C2 module, 10 pairs, straight outlet  
 SR

C220743A0000

SJS C2 module, 10 pairs, angled outlet  
 DR

C220779A0000

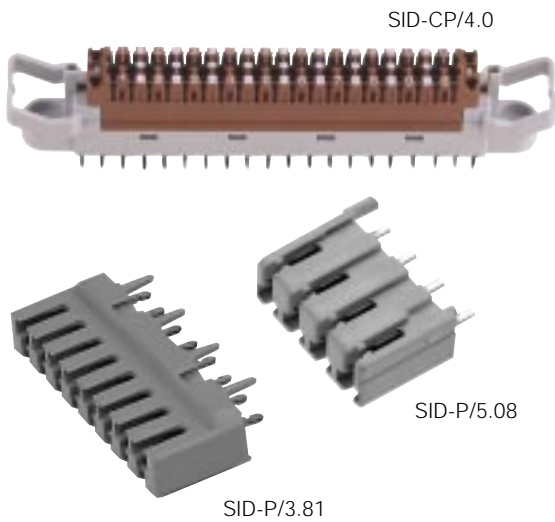
SR = singel row  
 DR = double row

# 4.1 Connectors for PCB applications

## Quante™ SID™-P/SID™-CP

### Description

#### Quante SID-P Strip for PCB



The SID-P product range has been specifically designed for applications using printed circuit boards, and consists of three versions:

#### SID-P/3.81, SID-P/5.08 and SID-PD/4.0.

The internationally proved SID achieves safe contact in one process, without having to strip, cut wire to size and without the use of special tools.

SID-P strips can also be connected using the cost-efficient SID insertion tool, or alternatively, the LSA Plus tool can be used on the SID-P/3.81 version.

Due to the compact design of the SID-P strips easy connection can be achieved, even within the most restricted of spaces. This 'compactness' can be of particular advantage within areas which require connections under restrictions ratios, for example, in wall outlets or when mounting active components in housings.

### Highlights

- Internationally proved SID technology
- Stripping, terminating and cutting to size in one progress
- Can be connected with screwdriver (3 mm)
- Compact design
- SID-P is compatible with LSA+ footprint.

#### Quante SID-P Features

Type	SID-P/3.81	SID-P/5.08	SID-CP/4.0
Pitch	3.81 mm	5.08 mm	4.0 mm
Poles	2,4,6,8	3,4	20
Wire diameter	0.32 mm - 0.64 mm	0.40 mm - 0.80 mm	0.32 mm - 0.80 mm

# 4.1 Connectors for PCB applications




## Quante™ SID™-P/SID™-CP

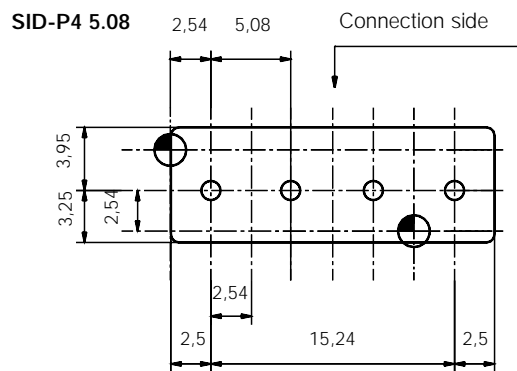
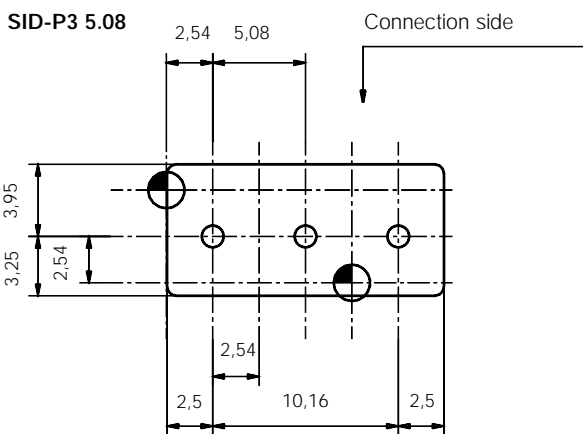
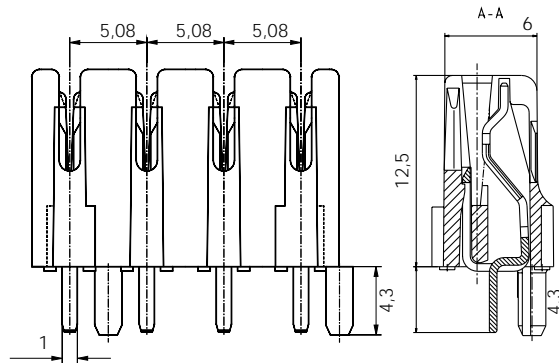
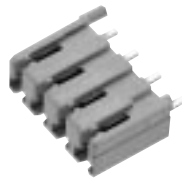
### Technical characteristics

#### Quante SID-P/5.08, Strip for PCPB

The plastic retaining pegs on the SID-P / 5.08 connection terminals are used to locate and secure the strip within the corresponding apertures in the PCB. These are then ultrasonically welded or hot riveted in place, depending on requirements. (See drawing)

#### Hole pattern symbols SID-P/5.08

-  Soldering pin holes Ø 1.2
-  Centering holes Ø 1.5
-  Centering holes Ø 1.8



### Type/Order text

### Ref.-No.

**SID-P3 5.08**  
connecting strips, 3-pole  
**PU: 100 pcs.** Weight: 0.190 kg

60178-507 00

**PU: 1000 pcs.** Weight: 1.9 kg

60178-507 25

**SID-P4 5.08**  
connecting strips, 4-pole  
**PU: 1000 pcs.** Weight: 2.5 kg

60178-508 25

### Accessories



**SID-standard tool**  
Connection tool for SID-P 5.08

79397-512 00

# 4.1 Connectors for PCB applications

## Quante™ SID™-P/SID™-CP

### Type/Order text

### Ref.-No.

#### Quante SID-P / 3.81 Strip for PCB

##### SID-P2 3.81

connecting strips, 2-poles, unprinted version  
PU: 1000 pcs. Weight: 0.8 kg

60178-514 00



##### SID-P4 3.81

connecting strips, 4-poles, unprinted version  
PU: 1000 pcs. Weight: 1.3 kg

60178-511 00



##### SID-P6 3.81

connecting strips, 6-poles, unprinted version  
PU: 1000 pcs. Weight: 1.9 kg

60178-512 00



##### SID-P8 3.81

connecting strips, 8-poles, unprinted version  
PU: 1000 pcs. Weight: 2.5 kg

60178-510 00

#### Quante SID-P Accessories



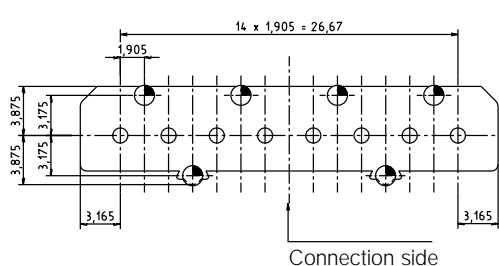
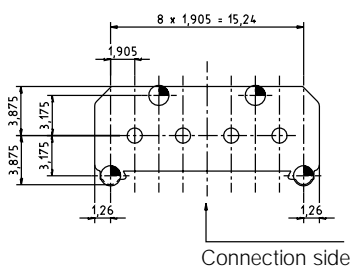
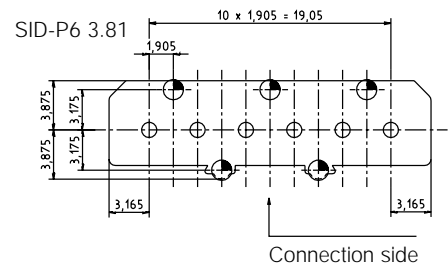
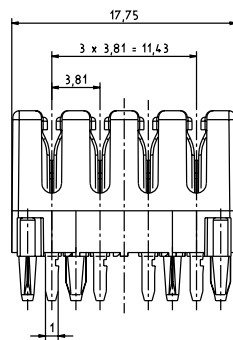
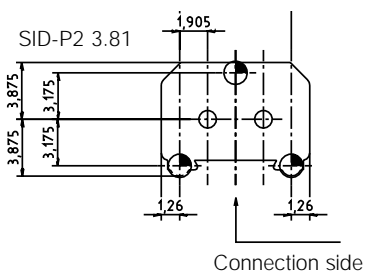
Connection tools for SID-P 3.81  
SID-standard tool

79397-512 00



QSA-standard tool

79397-500 40



Hole pattern symbols SID-P/3.81

- Soldering pin holes  $\varnothing 1.2 \pm 0.1\text{mm}$
- Peg holes  $\varnothing 1.6 \pm 0.05\text{mm}$

# 4.1 Connectors for PCB applications

## Quante™ SID™-P/SID™-CP

**Type/Order text**

**Ref.-No.**

### Quante SID-CP Strip for PCB

**SID-CP disconnection module with earthing for overvoltage protection** 79103-573 00  
 20 poles; PU: 10 pcs. Weight: 0.4 kg



**SID-CP switching module without earthing** 79105-506 00  
 40 poles  
 PU: 10 pcs. Weight: 0.4 kg



**Earthing elements** 79114-556 00  
 PU: 20 pcs.

### Quante SID-CP Protection for overvoltage solutions

**3-pole overvoltage protection magazine, 10 pairs** 79126-511 00

Single Pair Protection (SPP), 1 pair

<b>SPP G</b>	<b>B2 230 V/G</b>	79104-505 00
<b>SPP GS</b>	<b>B3 230 V/GS</b>	79104-508 00
<b>SPP GFS</b>	<b>B3 185 V/GFS</b>	79104-507 00

**Earthing bar for SPP** 79114-544 00

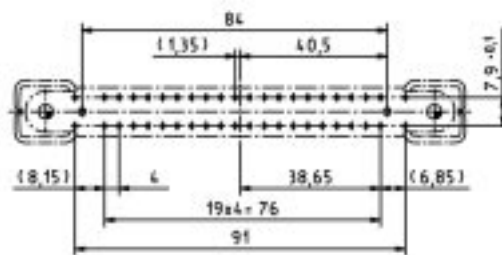
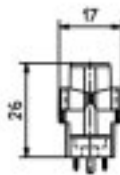
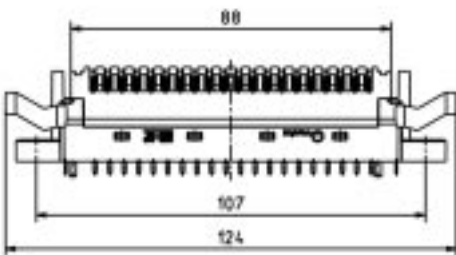
### Quante SID Accessories

**4 pole test lead** 79054-567 00

**SID standard tool** 79397-512 00



**SID-comfort tool** 79397-519 00  
 scissors acting  
 PU: 1 pce. Weight: 0.070 kg



Bore symbols for SID-CP/4.0

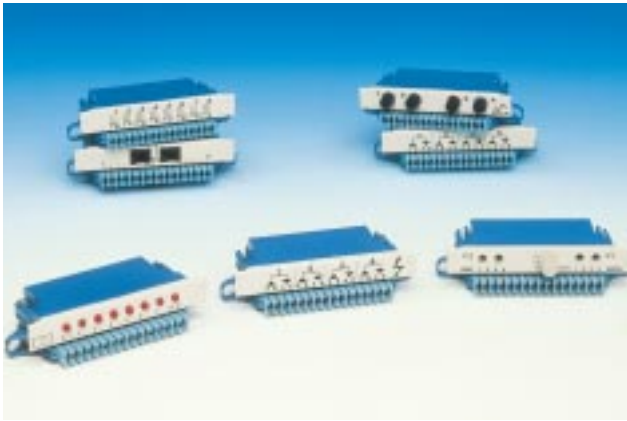
- ⊕ Soldering pin bore  $\varnothing 1.2 + 0.1$  mm
- ⊕ Fastening bore  $\varnothing 4.3$  mm



## 4.2 Technical modules

# Quante™ STGT

### Description



- Interchangeable Quante STGT Technical Modules are fitted with removable electronic boards. This range therefore offers a complete solution for protection, display, adaptation, etc.
- In case of maintenance, the electronic board can be replaced without having to un-cable the module. Spare boards are supplied as accessories.
- Specific technical modules can be developed according to your needs (please, consult us).
- STGT Technical Modules are designed to enable a fast installation of interfaces between cables with various characteristics (for example: a single-strand cable with a modular jack connector).
- STGT Technical Modules are universal: they make it possible to gather in one single system, functions which were so far dispatched through several locations within an installation. They ensure protection against overvoltages and overcurrents, display, re-routing of lines, etc.

### Highlights

- 10 pair STR M2 IDC disconnection module
- Possibility to disconnect, test and T-connection
- Conductor diameters from 0.4 mm to 0.8 mm
- Insulation diameter: max. 1.5 mm
- Mounting on a Europe profile, 10 or 8 pair base
- Dimensions: 2 pitches of 16 mm
- Possibility to mount in 14 mm steps (please contact us)
- Interchangeable boards

Characteristics of protection modules	C 239 635 A C 239 630 A	C 239 825 A	C 239 830 A
Characteristics	Reinforced protection for telephony	Protection for datacommunications	
		4 pairs, 48 V	2 pairs, 12 V
Nominal voltage	170 V	48 V	12 V
Nominal current	250 mA	300 mA	300 mA
Pass band	1 MHz	10 MHz	20 MHz
Sparking voltage	230 V (*)	68 V (**)	18 V (**)
Instantaneous surge current (8/20 μs)	5 kA	10 times 5 kA	10 times 5 kA
Resistance in series with line	10 Ω		

(\*) 100 V/μs wave

(\*\*) Common mode, 6 kV wave, 0.5/700 μs

# 4.1 Technical modules

## Quante™ STGT

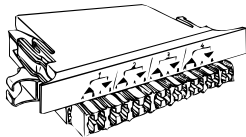
**Type/Order text**

**Ref.-No.**

### Quante STGT Modules for external lines

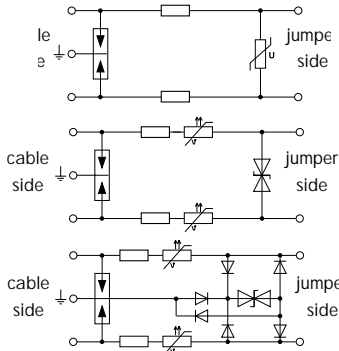
**Reinforced protection modules for telephony**  
Protection against overvoltage and overcurrent (\*).

Dimensions  
W x H x D



<b>Base 8 pair module,</b> 4 lines, with board <b>Spare board</b>	126 x 30 x 50	C239630A0000 C239912A0000
<b>Base 10 pair module,</b> 5 lines, with board <b>Spare board</b>	146 x 30 x 50	C239635A0000 C239914A0000

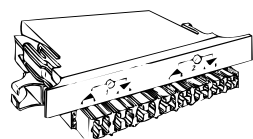
**Reinforced protection modules for computer networks.**  
Protection against overvoltage and overcurrent (\*).



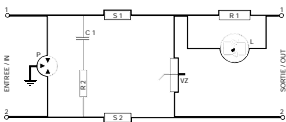
<b>Base 8 pair module,</b> 4 pairs, with board, 48 V, 10 MHz <b>Spare board</b>	126 x 30 x 50	C239825A0000 C239930A0000
<b>Module, 2 pair, with board,</b> 12 V, 20 MHz <b>Spare board</b>	126 x 30 x 50	C239830A0000 C239932A0000

### Quante STGT Modules for external lines

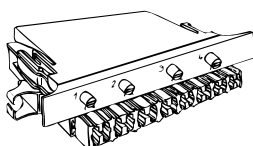
**Dipole/display/protection modules**  
Direct mounting onto the line (\*).



<b>Module, 2 pair, base 8 pairs,</b> with board 48 V, 10 MHz	126 x 30 x 50	C239660A0000
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**Fuse-holder modules**  
Protection against overcurrent  
Accommodates cylindrical  
Ø 5 x 20 mm fuses (not supplied)



<b>Base 8 pair</b> Module, 4 fuses, with board	126 x 30 x 50	C239700A0000
<b>Base 10 pair</b> Module, 6 fuses, with board	146 x 30 x 50	C239705A0000

(\* Earthing is automatic while modules are clipped onto the profile, which must be connected to ground.

# 4.1 Technical modules

## Quante™ STGT

### Type/Order text

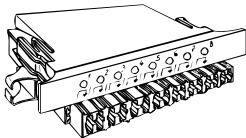
### Ref.-No.

#### Quante STGT Modules for external lines (cont'd)

##### Network line display module

Mounting onto one of the line. No polarity identification.  
One two-tone diode per line for line-engagement identification.

Dimensions  
W x H x D



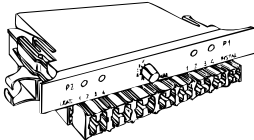
**Module, 10 pairs, with board**

146 x 30 x 50

**C239605A0000**

##### ELS test modules for special lines

Used for testing of special lines by series connection or short-circuit, cross connection or insulation, using a rotary switch.  
France Telecom approved (840 18 D).



**One-pair version (2 wires)**

126 x 28 x 50

**C239690A0000**

**Two-pair version (4 wires)**

126 x 28 x 50

**C239680A0000**

**One-pair version with return lead**  
(50 cm with test plug)

126 x 28 x 50

**C239790A0000**

**Two-pair version with return lead**  
(50 cm with test plug)

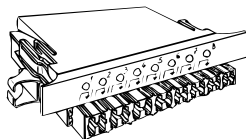
126 x 28 x 50

**C239730A0000**

#### PABX application Modules

##### Display modules

Direct mounting onto extension lines.  
48 V PABX power supply. One two-tone diode per line for line-engagement display.



##### Base 10 pair

Module, 10 pairs, with board

– Common version

146 x 30 x 50

**C239615A0000**

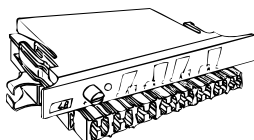
+ Common version

146 x 30 x 50

**C239625A0000**

##### Modules for re-routing of lines

Switches 2 terminals or 1 dedicated extension directly to telephone network, in case of PABX power cut.



##### Base 8 pair

Module, 8 pairs, with board

**12 V version**

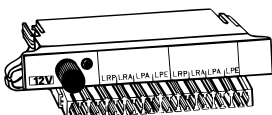
126 x 28 x 50

**C239720A0000**

**24 V version**

126 x 28 x 50

**C239710A0000**



##### Base 10 pair

Module, 10 pairs, with board

**12 V version**

146 x 30 x 50

**C239725A0000**

**48 V version**

146 x 30 x 50

**C239655A0000**



# 4.1 Technical modules

## Quante™ STGT

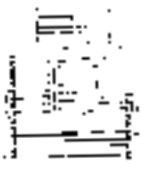
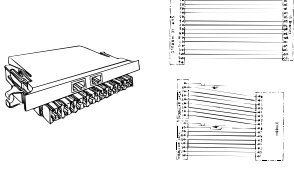
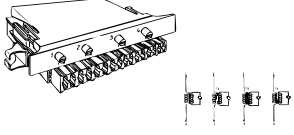
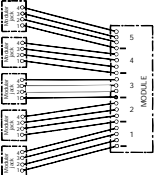
### Type/Order text

### Ref.-No.


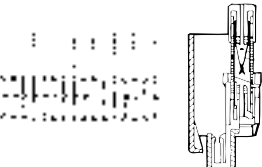
#### Data port Modules

		Dimensions W x H x D	
	<b>Base 8 pairs</b>		
	<b>SUB D 9</b>		
	<b>9 pin male, in-line cabling</b>	126 x 28 x 50	<b>C239765A0000</b>
	<b>9 pin female, in-line cabling</b>	126 x 28 x 50	<b>C239760A0000</b>
	<b>SUB D 15</b>		
	<b>15 pin male, in-line cabling</b>	126 x 28 x 50	<b>C239755A0000</b>
	<b>15 pin female, in-line cabling</b>	126 x 28 x 50	<b>C239750A0000</b>

#### PABX application Modules

	<b>SUB D 25</b>		
	<b>25 pin male, in-line cabling</b>	126 x 28 x 50	<b>C239745A0000</b>
	<b>25 pin female, in-line cabling</b>	126 x 28 x 50	<b>C239740A0000</b>
	<b>2 modular jacks</b>	126 x 28 x 50	<b>C239770A0000</b>
	Straight cabling (ISO 8877)		
	RJ 45, 8 pins		
	<b>2 modular jacks 8 pairs</b>	126 x 28 x 50	<b>C239780A0000</b>
	Straight cabling (ISO 8877)		
	RJ 45, 9 pins		
	<b>4 coax baluns 8 pairs</b>	126 x 28 x 50	<b>C239800A0000</b>
	Allows passage from the pair to RG 62 coaxial cable for IBM terminals, type 3278, and cabling to be simplified by use of the existing telephone pairs.		
	<b>Base 10 pairs</b>		
	<b>5 modular jacks</b>	146 x 30 x 50	<b>C239820A0000</b>
	straight cabling, RJ 12 (4 points)		
	Module with board		

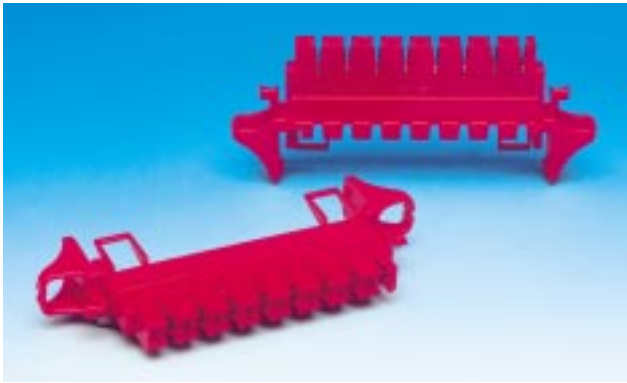
#### Potential distribution Modules

	<b>16/16 module</b>		<b>C239835A0000</b>
	Same potential for all wires. (Marked: - 48 V)		
	<b>8/16 module</b>		<b>C239840A0000</b>
	Same potential for one wire per pair. (Marked: + 48 V)		

## 4.3 Modules for large cables

# Quante™ RGT

### Description



- RGT modules enable to complete several functions:
  - Cabling of bus-structured networks, within distribution rooms
  - Connection of cables with various diameters (transition module)
  - Connection to one same potential
- The “Large Cable” insertion tool was especially designed to allow for the connection of all modules in this range.
- This range of modules was especially designed for the connection of conductors with “Large Diameters”:
  - Insulation displacement contacts using a tool (IDC)
  - 4 pair modules
  - Connection of solid copper conductors with diameters from 0.8 to 1.2 mm
  - Disconnection wire by wire
  - Test facility
  - Accept single-wire or multi-wire conductors
  - To be clipped on to standard EUROPE E8 and HPUL profiles

- Developed from the STG range, the RGT modules continue to offer the following advantages:
  - Extremely compact modules
  - Reinforced insulation by use of self-extinguishable thermo plastic materials
  - Protection of contacts (totally insulated contacts)
  - Common accessories to STG range:
    - Disconnection plugs
    - Label-holders and identification devices
    - Wire-guide channels

### Technical characteristics

#### 4 pair module Dimensions

126 x 54 x 16 mm

#### Electrical characteristics

Contact resistance: < 1 mΩ

Leading-through resistance: < 5 mΩ (cable Ø 0.9 mm)

Insulation resistance: > 106 mΩ under 500 V

Dielectric strength: ≥ 6 kV efficient - 50 Hz

Accepted current: 10 A under 220 V

#### Contacts

Rigid protected IDC

(non salient contacts in comparison with the insulating element).

Diameter for conductor sheath: Ø 2.5 mm maximum

Connection

Description	Diameter and section of cables	Presentation and clipping
Disconnection module	• Solid copper conductor - Ø 0.8 to 1.2 mm	Clipping: Europe E8 and HPU profiles
	• Multiwire copper conductor - Section 0.75 to 1.5 mm <sup>2</sup>	
Disconnection transition module. Both contact rows accept different cable diameters	• “Large Cable” contact row • Solid copper conductor - Ø 0.8 to 1.2 mm	Shoe: Brown Insulator: Red Clipping: Europe E8 and HPUL profiles
	• Multiwire copper conductor - Section 0.75 to 1.5 mm <sup>2</sup>	
	• “STG Type” contact row • Solid copper conductor - Ø 0.4 to 0.8 mm	

## 4.3 Modules for large cables

# Quante™ RGT

### Type/Order text

### Ref.-No.

#### Quante RGT Modules



**4 pair disconnection module, red**  
**4 pair disconnection module, brown**

C223786A0000  
 C223787A0000

**4 pair disconnection 'mixed' module**  
 red/brown  
 1 side 0,4 - 0,8mm  
 1 side 0,8 - 1,2mm

C223789A0000

All modules clip on to EUROPE E8 profile

#### Quante RGT Accessories



**Plug**  
**Pack of 100 disconnection plugs**  
 (wire to wire)

C222909A0000



**Marking Accessories**  
**Plastic label bar clips on EUROPE E8 rail,**  
 occupies the space of a module.  
 Numbered 1 to 8

C220673B0000

**Pack of 100 side label bars**  
 that fit the side of the module.  
 With blank label for 3 digits

C222903A0000



**Pack of 100 marker tags**  
 numbered 0 to 9. Fit the side of the module

C222917A0000

**Pack of 10 reversible label holders**  
 Clips on the module.

C222950A0000



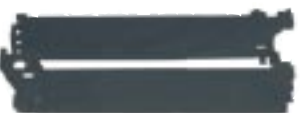
**Cover**  
**Clear cover for RGT module,**  
 length 2 m

C222955A0000



**Tool**  
**Special IDC tool for large cables**  
 (≥ 0.9 mm)

C234040A0000



**Miscellaneous**  
**Bag of 20 sets of 2 wire-guide**  
**channels for 8 pair modules**  
 (to be clipped on both sides of the  
 modules)

C223765A0000

## 4.4 Bus termination unit Quante™ S28

### Description

Quante S28 is a new type of bus termination unit to be installed in all bus configuration networks.

The product is suitable to distribute several telephone sets on one line at the customer premises as well as to terminate any device on a standard bus line. For instance the product can be used to connect power consumption meter on a standard bus to proceed to remote recording of power consumption.

S28 is designed around Quante Pouyet range of IDCs for customer premises and is tool free operated; A swivelling termination flap automatically punches the wires into the IDCs.

Each access is offering three IDCs (2 lines wire and the earth).

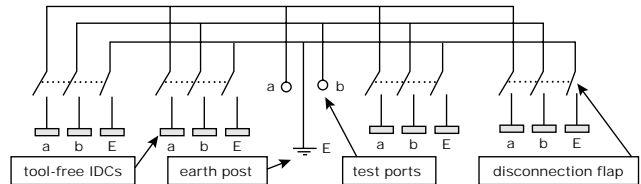
All positions are internally linked inside the product.

Some additional features such as single line disconnection are offered. When the termination flap is opened and secured in position the specific line is disconnected. This feature can be very useful, as each device on the bus may be disconnected from a standard connection point.

The product also offers test access as well as a central screw type earth post as standard.

S28 is available in 2 sizes the 4 circuits unit which offers 4 access points to the bus, and the 8 circuits for 8 access.

An adapted protection box with strain relief and rubber gaskets is available.

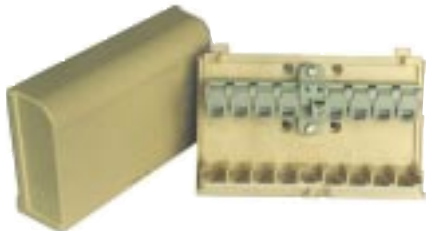


### Highlights

- IDC bus termination unit
- Single circuit disconnection facility
- 4 and 8 circuits
- Test access
- Earth post
- QUANTE™ tool free system

### Type/Order text

### Ref.-No.



8 pair dispatching module  
with indoor box

C248804A0000



4 pair dispatching module  
with indoor box

C248803A0000



4 pair dispatching module  
without box

C248800A0000



8 pair dispatching module  
without box

C248801A0000

# 4.5 Screwtype Strips/Boxes

## Quante™ Connection Strips

### Description

**For use in distribution boxes and distribution frames.**

The following forms and types are available as standard:

**Type A** (short version)

20-pole / for 10 pairs + earth,

**Type B** (long version)

20 and 40-pole / for 10 and 20 pairs + earth.

Ascrew terminal is available for the system earth, however, the connect several earth wires together an earth bus is recommended.

Each connection strip is equipped with a designation label for marking,

To ensure that clear arrangement of the cable is achieved, wire guide combs are available and can be attached to the strips.

**Materials**

Plastic base:

- a) ABS (acrylic nitrile butadiene styrene)
- b) Polycarbonate GV (macrolon GV)

**Contact parts**

CuZn (brass) 6 µm nickel-plated; soldering joints tinned; terminal screw CuZn, nickel-plated.

**Characteristics**

Application class GSF according to DIN 40 040 (-40°C ... +70°C with relative humidity ≤ 75 %)

Leaking paths and air paths: ≥ 104 ohms;

Test voltage: 2 kV / 50 Hz / 1 min.

**Technical data**

Protection class: IP 20.

Rated voltage (VDE 0100 group C):

500 V ~ 600 V = Maximum Operating current: 8 A

Dielectric strength: 2.5 kVeff.

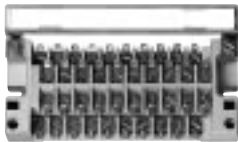
Temperature limit: -40°C ... +100°C.

**Type of wire connection**

	incoming side	outgoing side
combined connection	SL	SL combined connection

### Type/Order text

### Ref.-No.



Hole spacing: 96 mm  
 Total length: 106 mm  
**Connection strip 10 pairs SL/SL**  
 Material: ABS  
 PU: 5 pcs. Weight: 0.1 kg

75101-639 00



Hole spacing: 170 mm  
 Total length: 179 mm  
 Designation strips\*  
 a (insertable) b (screwed-on)

**Connection strip SL/SL**  
 Material: PC; PU: 20 pcs. Weight: 0.13 kg

- 1 71101-636 00



**Connection strip S/L**  
 Material: ABS; PU: 20 pcs. Weight: 0.125 kg

1 - 71101-632 00



**Wire guiding comb flat, one-sided**  
 Open on either side, for connection strip type A;  
 comb opening for conductors 0.6 mmØ  
 Material: Plastic PVC, grey; PU: 1 pce. Weight: 0.007 kg  
 Dimensions (L x W x D): 106 x 61 x 1.5 mm

71111-003 00



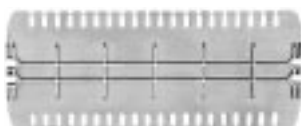
**Labelling strips for connection strip**  
 Plugged on connection strip type B  
 Material: ABS, grey; PU: 1 pce. Weight: 0.006 kg  
 Dimensions (L x W x D): 179 x 12 x 4 mm

71156-509 00



**Wire guiding comb flat, two-sided**  
 Open on both sides, for connection strip type B;  
 comb openings for conductors 0.6 mmØ  
 Material: Plastic PVC, grey; PU: 10 pcs. Weight: 0.16 kg  
 Dimensions (L x W x D): 179 x 64 x 1.5 mm

71111-007 00



**Wire guiding comb flat, two-sided**  
 Open on either side for elevated mounting of connection strip type B;  
 comb opening for conductors 0.6 mmØ  
 Material: Plastic ABS, grey; PU: 10 pcs. Weight: 0.3 kg  
 Dimensions (L x W x D): 179 x 75 x 7.5 mm

71111-517 00



## 4.5 Screwtype Strips/Boxes

# Quante™ TRP, Quante™ B12P

### Description

#### Quante TRP, Quante B12P indoor screwtype boxes



- The range can be extended as required to cover all needs
  - box in enclosed version
  - disconnection strip with looping facility
  - all sizes from 5 in steps of 5 (5, 10, 15... up to 120 pairs)
  - screw termination on one side and solder terminals on the other
  - grey colour
- Cabling quality and convenience
  - Products are approved by France Telecom and the French Navy
  - Easy cabling due to the bracket on each screw
  - A dark section inside the cover allows marking opposite the posts
- A complete range of screwtype distribution boxes for cable systems within buildings.
- 12-post B12P boxes with connection of both wires to the same post. Very easy to work. The terminal strip can be cabled out of the box. Very economical and of a design similar to the female telephone junction. The B12P box is the ideal product for subscriber distribution.
- 5 and 10 pair boxes. Essential for ultimate cabling, these two boxes are equipped with a connection strip with through posts which allow connection of the input wires on one side and the output wires on the other side.
- 20 to 120 pair boxes. These boxes are very small, due to the two-stage strip design, and they combine easy cabling with high density.

### Technical characteristics

#### Connection modules

Conductor diameter, max: 1.5 mm  
 Dielectric strength: 1500 V rms at 50 Hz  
 Insulation resistance at 500 V dc: > 10000 MΩ

#### Boxes

Protection ratio: IP 30 (EN 60 529)  
 Colour: Ivory to RAL 9001  
 Cover with captive screws or click-on

#### Dimensions in mm

	H	W	D
B12P	75	75	35
TRP, 5 pairs	107,5	54	32
TRP, 10 pairs	184,5	54	32
TRP, 20 pairs	169	152,5	42,5
TRP, 30 pairs	169	152,5	42,5
TRP, 50 pairs	270	270	64,5
TRP, 60 pairs	270	270	64,5
TRP, 100 pairs	370	369	68
TRP, 120 pairs	370	369	68

# 4.5 Screwtype Strips/Boxes

## Quante™ TRP, Quante™ B12P

**Type/Order text**

**Ref.-No.**

For distribution of telephone cables in buildings or for any light-current cabling system.



Post-type boxes  
(1 post= 1 wire)  
**12-post box**

**NN3420580000**



5 and 10 pair boxes  
**TRP, 5 pairs**  
**TRP, 10 pairs**

**NN542330VA00**  
**NN542332VA00**



20 and 30 pair boxes

<b>TRP, 20 pairs</b>	<b>NN5423560000</b>
<b>TRP, 30 pairs</b>	<b>NN5423570000</b>
<b>TRP, 50 pairs</b>	<b>N421007A0000</b>
<b>TRP, 60 pairs</b>	<b>N421008A0000</b>
<b>TRP, 100 pairs</b>	<b>N421009A0000</b>
<b>TRP, 120 pairs</b>	<b>N421010A0000</b>

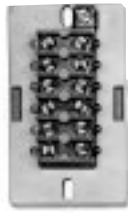
## 4.5 Screwtype Strips/Boxes

# Quante™ Distribution Boxes 3-6 pair

### Description



3-pair box



4-pair box



6-pair box

Small distribution boxes for telecommunication installations, clock, alarm systems, etc.

Made of plastic for indoor use, surface mounting type.

Protection class is IP 31 (EN 60529)

The boxes are made of thermoplastic synthetic material (ABS), with high impact resistance, colour is RAL 7032, pebble-grey.

All metal parts are made of brass, nickel plated. Metal links with tinned soldering tags (for test purposes) are located on either side of the M3 x 6 terminal screws.

Knockout markings on all sides of the cover for cable inlet.

#### Standard equipment

##### 3-pair version:

6 terminals, 1 earthing terminal, snap-on cover.

##### 4-pair version:

8 terminals, 2 earthing terminals, screw-mounted cover.

Optional monitoring switch

##### 6-pair version:

12 terminals, 2 earthing terminals, snap-on cover.

### Type/Order text

### Ref.-No.



#### 3-pair box

PU: 1 pce. Weight: 0.05 kg

50-006-11000



#### 4-pair box

PU: 1 pce. Weight: 0.08 kg

50-008-11100

Accessory

#### Monitoring switch

PU: 1 pce. Weight: 0.01 kg

50096-501 00



#### 6-pair box

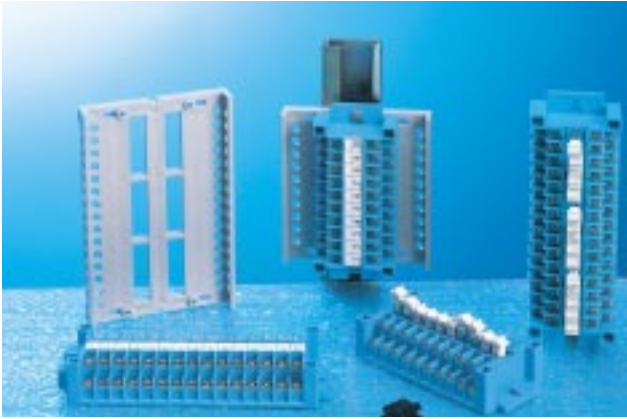
PU: 1pce. Weight: 0.09 kg

50-012-11000

## 4.5 Screwtype Strips/Boxes

# Quante™ DE Screwtype

### Description



Connection modules with screw or solder contacts, the DE and DEC range of products are ideal for a wide range of connection duties internally and externally.

- A simple range:
  - DE module for connection
  - DEC module with disconnection point for testing
  - Two capacities (10 or 15 pairs)
- Compatible with all our supports:
  - BDM external boxes
  - RSP internal boxes
  - MS distribution frames
- Easy to install and manage:
  - Simple terminals (screw or solder)
  - Compact design (contacts arrayed on two levels)
  - Generously dimensioned insulation
  - DEC modules have disconnection LED
  - mounted on flat surfaces.
- Accessories:
  - Insulating wire guide channel using the same mountings as the module
  - Special fixing nuts

### Technical characteristics

#### DE and DEC modules

##### Types

DE: connection only

DEC: connection and disconnection

##### Materials:

Contacts: copper alloys

Insulation: thermoplastic

Wire guides: thermoplastic

#### Connection

Conductor size: 1.2 mm max.

#### Types of connection

VVD: screw terminals on each side

VSD: screw terminals on one side, solder on the other

#### Connection to solder terminals

By soldering

By FASTON tab 2.86 mm or equivalent

#### Connection to screw terminals

Conductor clamped under projecting collar

#### Electrical characteristics

Dielectric strength:  $\geq 1500$  V at 50 Hz

Insulation resistance:  $\geq 10000$  M $\Omega$  at 500 V

Rated current: 10 A at 220 V

Dimensions in mm and mounting (screws not supplied)

#### Without wire guides

	Length	Width	Height	Mounting
DE 10 pair	96.5	44	20.7	2 x $\varnothing$ 3 screws
DE 15 pair	132.5	44	20.7	2 x $\varnothing$ 3 screws
DEC 15 pair	96.5	44	28.2	2 x $\varnothing$ 3 screws
DEC 15 pair	132.5	44	28.2	2 x $\varnothing$ 3 screws

#### With wire guides

DE 10 pair	96.5	80	26.7	2 x $\varnothing$ 3 screws
DE 15 pair	132.5	80	26.7	2 x $\varnothing$ 3 screws
DEC 15 pair	96.5	80	34.2	2 x $\varnothing$ 3 screws
DEC 15 pair	132.5	80	34.2	2 x $\varnothing$ 3 screws

## 4.5 Screwtype Strips/Boxes

# Quante™ DE Screwtype

### Description

The dimensions and mounting hole centres of the DE and DEC modules are compatible with RSP and BDM boxes.

- Centres
  - 10 pair module: 86.4 mm
  - 15 pair module: 122.4 mm
- The module can also be mounted on frames in one of two ways
  - They can be screwed to support arms of flats
  - They can be screwed to the DIN asymmetrical rail (with special Fixocap nuts)
- DEC disconnection

The DEC modules are supplied with centrally mounted disconnection jumpers.

- Disconnection is performed in three stages
  - Withdraw jumper
  - Turn through 90°
  - Replace jumper in socket (the jumper position is indicated by a mark)

### Type/Order text

### Ref.-No.

#### Quante DE connection Strip



**VVD 10 pair strip**  
Screw/screw contact

237100000000



**VSD 10 pair strip**  
Screw/solder contact

237104000000

**VSD 15 pair strip**  
Screw/solder contact

237105000000

#### Quante DEC disconnection Strip



**VVD 10 pair strip**  
Screw/screw contact

NN3360310000

**VVD 15 pair strip**  
Screw/screw contact

NN3360320000

### Accessories

10 pair strip with wire guide  
15 pair strip with wire guide

NN1550230100

NN1550240100

DIN asymmetrical rail, 32 mm  
2 meters

NN1003140000

Pack of 100 Fixocap M5 - M3 nuts

NN1858350000

# 4.5 Screwtype Strips/Boxes Quante™ BR2

## Description

### Quante BR2 screwtype outdoor Box



- Practical box
  - easy operation,
  - easy mounting, either on wall or pole.
- Ventilated set
- Nice and compact design
- Compact design
- Adaptability
  - easy arrangement according to user's needs.

## Technical characteristics

### Box

Base and cover made up of light grey plastic  
Protection ratio: IP 31  
Sliding cover, fastened to base via a nylon cord.

### Connecting device

2 pair module with screw-screw connection terminal  
Maximum diameter of conductors: 1.5 mm

### Electrical characteristics

Dielectric strength: 1000 V AC 50 Hz  
Insulation resistance at 500 V > 10000 MW

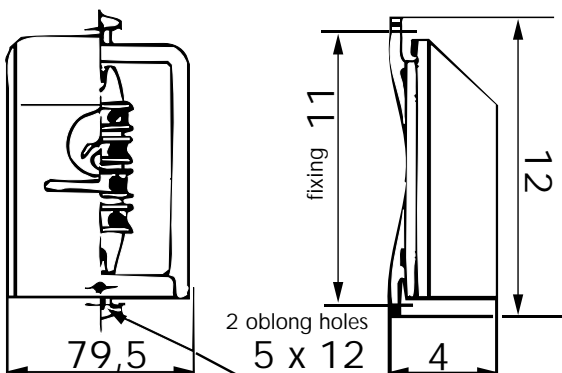
### Mounting

Wall-mounting: using 4 mm diameter screws (not supplied)  
Pole-mounting: using 10 mm wide metal straps (not supplied)

## Type/Order text

## Ref.-No.

The BR2 box is used for outdoor distribution of dropwires to subscriber.



BR2 box equipped NN4420760000

2 pair module NN3372450000

Because of its reliability, the BR2 box is approved and used by PTT Administrations in France and in Pakistan.