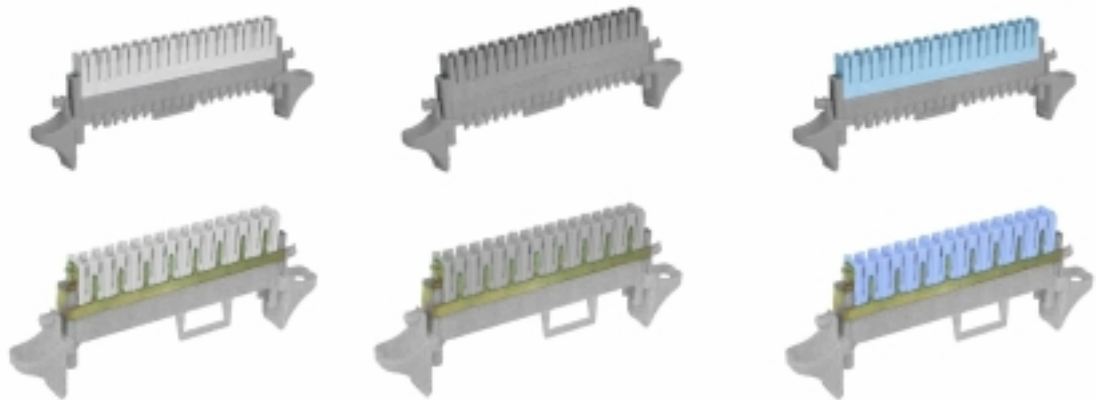


STG 2000 modules

Description



Description

STG 2000 is the last evolution of STG range of connection modules. 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 applications (xDSL, Pairgain...).

Termination is easy, cables and jumpers can be managed from the rear or from the side.

Reliability and performance

Quante straight IDC technology offers outstanding performances:

- Multiple retermination with all kinds of conductor gauges in the 0.4 mm to 0.8 mm range
- Improved wire retention (in all directions)
- Gas-tight connection area - corrosion proof
- Tin-lead plating on contacts avoids corrosion
- Transmission performances meet cat 5 (100 MHz)
- 2 wires can be accommodated in the same slot
- Very compact connection module
- Specific contacts for stranded wires upon request.

Application in network






- Suitable for high density installation (2400 pair single sided cross connection cabinets, 1600 pairs on 2.6 meter vertical MDF, containerized exchanges...)
- STG 2000 modules are suitable for public telephony (MDF, cross connection cabinets, building distribution) as well as for private telephony and high data rates transmission.

Highlights

- Category 5 as a standard
- Very compact size (14 mm pitch)
- 0,4 - 0,8 mm wires
- Optional IDC's for stranded wires
- Specific module with rear cable termination
- Multiple reterminations
- Comprehensive range of protection circuits and accessories

STG 2000 modules

Technical characteristics

Circuit →	Insulation Displacement Contacts IDC				
	STG U	STG C	STG O	STR M	STR P
Function and accessories ↓					
Type of contact					
Continuity (normally closed circuit)	•	•		•	•
Normally opened circuit			•		
Parallel test	•	•	•	•	
Serial test		•	•	•	
T-connection	(1)	(1)	(1)	•	•
Disconnection		•		•	
Protection magazine	• (2)	• (2)	• (2)	•	•
Single pair protection plugs		• (3)	• (3)		
Multipair parallel test		•	•	•	
Fuse protection			•	•	
Transmission performance	cat. 5	cat. 5	cat. 5	cat. 3	cat. 3

(1) T-connection: two wires in the same slot

(2) modules with earthing contacts

(3) connection modules with earthing grid

Instructions to read product abbreviations (example: STG C2 10 P)

STG : type of module (STR= double-sided, STT= screen collector module)

C : type of circuit (C, U, O, M, P)

2 : IDC

10 : 10 pairs (8 for 8 pairs)

P : contacts for automatic earthing (for protection magazine)

PU : earthing grid for single pair protection plugs



1.1.2

STG 2000 modules

Design/Use	Type/Order text	Part-number
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Dimensions (LxWxD):
 126 x 14 x 50 mm (8 pairs)
 146 x 14 x 50 mm (10 pairs)



STG 2000 for Quante-Pouyet backmount frame

Connection modules

(light grey casing on light grey base)

- STG2 U2 8 marked from 1 to 8 on jumper side
- STG2 U2 10 marked from 1 to 10 on jumper side

C252806A0000
C252824A0000

Disconnection modules

(white casing on light grey base)

- STG2 C2 8 marked from 1 to 8 on jumper side
- STG2 C2 10 marked from 1 to 10 on jumper side

C252800A0000
C252818A0000

Switching modules

(light blue casing on light grey base)

- STG2 O2 8 marked from 1 to 8 on jumper side
- STG2 O2 10 marked from 1 to 10 on jumper side

C252812A0000
C252830A0000

Connection modules with multipair protection facility

(light grey casing on light grey base)

- STG2 U2 8 P marked from 1 to 8 on jumper side
- STG2 U2 10 P marked from 1 to 10 on jumper side

C252807A0000
C252825A0000

Disconnection modules with multipair protection facility

(white casing on light grey base)

- STG2 C2 8 P marked from 1 to 8 on jumper side
- STG2 C2 10 P marked from 1 to 10 on jumper side

C252801A0000
C252819A0000

Switching modules with multipair protection facility

(light blue casing on light grey base)

- STG2 O2 8 P marked from 1 to 8 on jumper side
- STG2 O2 10 P marked from 1 to 10 on jumper side

C252813A0000
C252831A0000

Connection modules with single pair protection facility

(light grey casing on light grey base)

- STG2 U2 8 PU marked from 1 to 8 on jumper side
- STG2 U2 10 PU marked from 1 to 10 on jumper side

C252808A0000
C252826A0000

Disconnection modules with single pair protection facility

(white casing on light grey base)

- STG2 C2 8 PU marked from 1 to 8 on jumper side
- STG2 C2 10 PU marked from 1 to 10 on jumper side

C252802A0000
C252820A0000

Switching modules with single pair protection facility

(light blue casing on light grey base)

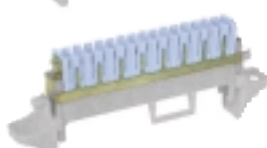
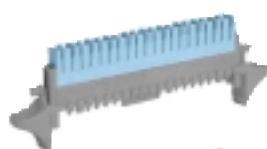
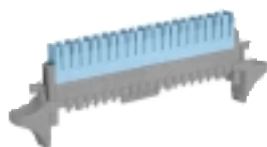
- STG2 O2 8 PU marked from 1 to 8 on jumper side
- STG2 O2 10 PU marked from 1 to 10 on jumper side

C252814A0000
C252832A0000

STG 2000 modules

Design/Use

Dimensions (LxWxD):
 113 x 15,9 x 50 mm (8 pairs)
 133 x 15,9 x 50 mm (10 pairs)



Type/Order text

STG 2000 for Quante-Pouyet and LSA backmount frames

Connection modules

(light grey casing on light grey base)

- STG2 U2 K8 marked from 1 to 8 on jumper side
- STG2 U2 K10 marked from 1 to 10 on jumper side

Disconnection modules

(white casing on light grey base)

- STG2 C2 K8 marked from 1 to 8 on jumper side
- STG2 C2 K10 marked from 1 to 10 on jumper side

Switching modules

(light blue casing on light grey base)

- STG2 O2 K8 marked from 1 to 8 on jumper side
- STG2 O2 K10 marked from 1 to 10 on jumper side

Connection modules with multipair protection facility

(light grey casing on light grey base)

- STG2 U2 K8 P marked from 1 to 8 on jumper side
- STG2 U2 K10 P marked from 1 to 10 on jumper side

Disconnection modules with multipair protection facility

(white casing on light grey base)

- STG2 C2 K8 P marked from 1 to 8 on jumper side
- STG2 C2 K10 P marked from 1 to 10 on jumper side

Switching modules with multipair protection facility

(light blue casing on light grey base)

- STG2 O2 K8 P marked from 1 to 8 on jumper side
- STG2 O2 K10 P marked from 1 to 10 on jumper side

Connection modules with single pair protection facility

(light grey casing on light grey base)

- STG2 U2 K8 PU marked from 1 to 8 on jumper side
- STG2 U2 K10 PU marked from 1 to 10 on jumper side

Disconnection modules with single pair protection facility

(white casing on light grey base)

- STG2 C2 K8 PU marked from 1 to 8 on jumper side
- STG2 C2 K10 PU marked from 1 to 10 on jumper side

Switching modules with single pair protection facility

(light blue casing on light grey base)

- STG2 O2 K8 PU marked from 1 to 8 on jumper side
- STG2 O2 K10 PU marked from 1 to 10 on jumper side

Part-number

C252809A0000
C252827A0000

C252803A0000
C252821A0000

C252815A0000
C252833A0000

C252810A0000
C252828A0000

C252804A0000
C252822A0000

C252816A0000
C252834A0000

C252811A0000
C252829A0000

C252805A0000
C252823A0000

C252817A0000
C252835A0000



1.1.2

STG modules

Design/Use	Type/Order text	Part-number
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Dimensions (LxWxD):
 126 x 14 x 50 mm (8 pairs)
 146 x 14 x 50 mm (10 pairs)

STG CLASSIC for Quante-Pouyet backmount frame



Connection modules

(dark blue casing on red base)

- STG U2 8 cat 5
- STG U2 10 cat 5
- STG U2 10 cat 5 marked from 1 to 10 jumper side

C223622B0000
C223613B0000
C223850B0000



Disconnection modules

(light blue casing on red base)

- STG C2 8 cat 5
- STG C2 10 cat 5
- STG C2 10 cat 5 marked 1 to 10 jumper side

C223624B0000
C223615B0000
C223848B0000



Connection modules with multipair protection facility

(dark blue casing on red base)

- STG U2 8 P cat 5
- STG U2 8 P cat 5 marked from 1 to 8 jumper side
- STG U2 10 P cat 5
- STG U2 10 P cat 5 marked from 1 to 10 jumper side

C223725B0000
C223669A0000
C223724B0000
C223679A0000



Disconnection modules with multipair protection facility

(light blue casing on red base)

- STG C2 8 P cat 5
- STG C2 8 P cat 5 marked from 1 to 8 jumper side
- STG C2 10 P cat 5
- STG C2 10 P cat 5 marked from 1 to 10 jumper side

C223721B0000
C223718B0000
C223720B0000
C223716B0000



Disconnection modules with single pair protection facility

(light blue casing on red base)

- STG C2 8 PU cat 5
- STG C2 10 PU cat 5

C223672B0000
C223600B0000

STG modules

Design/Use	Type/Order text	Part-number
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Dimensions (LxWxD):
 126 x 14 x 50 mm (8 pairs)
 146 x 14 x 50 mm (10 pairs)



STT and STR modules for Quante-Pouyet backmount frame

Earthing modules (all contacts are shunted)

Modules with automatic earthing
 (red casing on red base)

- STT G2 8
- STT G2 10

C223640A0000
C223641A0000

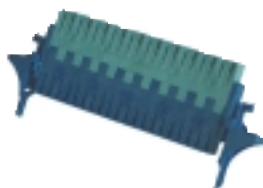


Modules with earthing by means of a cord
 (red casing on red base)

- STT G2 8
- STT G2 10

C223656A0000
C223657A0000

Dimensions (LxWxD):
 126 x 14 x 61 mm (8 pairs)
 146 x 14 x 61 mm (10 pairs)



STR M T-Connection modules STR M

Modules with disconnection at front side
 (light blue casing on dark blue base)

- STR M2 8
- STR M2 10
- STR M2 10STR M2 10 marked from 1 to 0 on jumper side

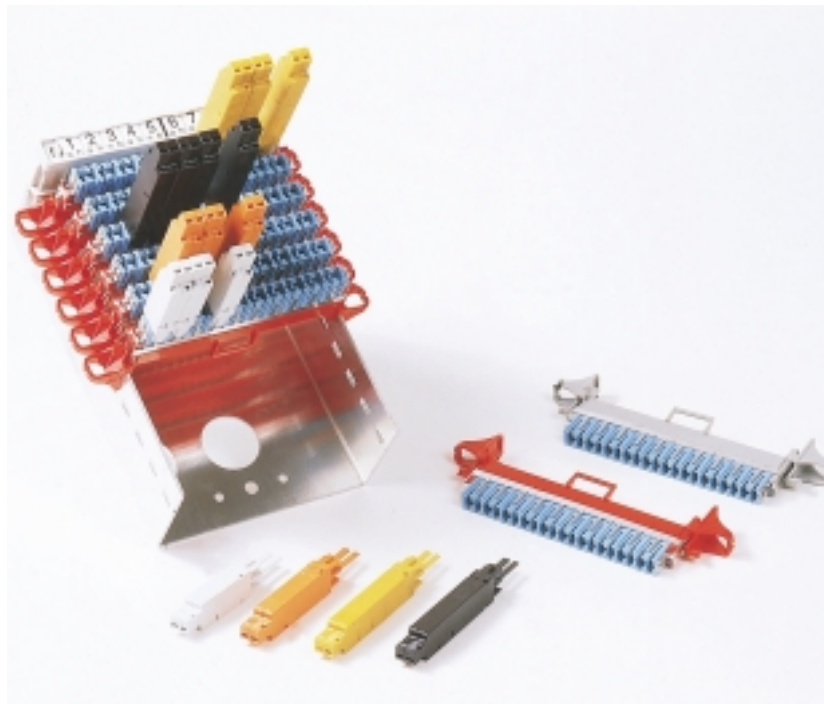
C220617A0000
C220609A0000
C220608A0000



1.1.2

STG 2000 protection solutions

Description



Protection solutions for STG are composed of multipair protection magazines as well as of a complete range of single pair protection plugs.

Protection magazine

Front facing magazines suitable for all IDC STG connection modules and BSTG modular blocks, with the relevant protection facilities.

Automatic earthing through the backmount frame/5 kA drain current capacity.

Magazine with earth cord for upgrading standard connection modules or blocks with protection.

Single pair protection plugs

This range of single pair protection modules is designed to increase flexibility in network management (protection can be removed separately only on faulty lines).

Wide range of protection circuits from standard overvoltage protection, to overvoltage and current protection, up to fast 5 pole protection.

A disconnection access on the protection plugs allows to use all STG disconnection and test accessories without removing protection.

1 circuit = 1 colour

Single pair protection modules are suitable for the standard 16 mm pitch.

Highlights

- Comprehensive range of protection
- Fast 5 pole protection
- Compact design
- Automatic earthing

STG 2000 protection solutions

Design/Use	Type/Order text	Part-number
------------	-----------------	-------------

Protection magazines



Magazine for STG/BSTG with protection facility

- 10 pair magazine without arresters
- 8 pair magazine equipped with 250 V arresters with fail safe
- 10 pair magazine equipped with 250 V arresters with fail safe
- 8 pair magazine equipped with 350 V arresters with fail safe
- 10 pair magazine equipped with 350 V arresters with fail safe

- C233725B0000
- C233726B0000
- C233736B0000
- C233740B0000
- C233737B0000
- C233741B0000



Magazines with 0,3 m earthing cord (for standard STG/BSTG without protection facility)

- 8 pair magazine without arresters
- 10 pair magazine without arresters
- 8 pair magazine equipped with 250 V arresters with fail safe
- 10 pair magazine equipped with 250 V arresters with fail safe
- 8 pair magazine equipped with 350 V arresters with fail safe
- 10 pair magazine equipped with 350 V arresters with fail safe

- C233727C0000
- C233728B0000
- C233744B0000
- C233748B0000
- C233745B0000
- C233749B0000



Surge arresters for protection magazine and tool

- 3-pole arresters with fail safe 250 V
- 3-pole arresters with fail safe 350 V
- Combined insertion/extraction tool for protection magazine

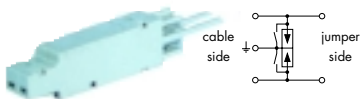
- C231039A0000
- C231040A0000
- C222053A0000



Single pair protection plugs

- Single pair protection plugs for STG with earthing grid (STG PU) with test and disconnection facility
- Overvoltage protection 250 V (grey)
- SOR PU 1C

C233796A0000



- Overvoltage (250 V) and current protection (PTCRs)(orange)
- SOR PU 2C

C233797A0000



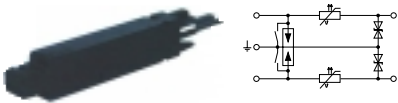
- Fast 5 pole (varistors) overvoltage and current protection (yellow)
- SOR PU 3C (varistors)

C233798A0000



- Fast 5 pole (diodes) overvoltage (250 V) and current protection (brown)
- SOR PU 4C (diodes)

C233799A0000









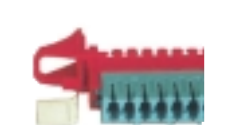



- Current protection - 2 fuses (1,25 A/250V)

C222037A0000



1.1.2

STG 2000 test accessories

Description	Type/Order text	Part-number
1. 	1. Disconnection plugs <ul style="list-style-type: none"> • Bag of 100 disconnection plugs (red) 	C222909A0000
2. 	2. Serial display plug/1 network line	C242628A0000
3. 	3. PCB type test cords <ul style="list-style-type: none"> • Parallel test cord (2 wires, 3 m) with banana plugs • Serial test cord (4 wires, 3 m) with banana plugs 	C222048B0000 C222014B0000
4. 	4. Multiple parallel test plug <ul style="list-style-type: none"> • 8 pair, test plug • 10 pair, test plug 	C222058A0000 C222059A0000
5. 	5. PCB type patch cords <ul style="list-style-type: none"> • 4 wire cord, 3 m • 2 wire cord, 3 m • 2 wire cord, 2 m (single-sided PCB) • 2 wire cord, 1 m (single-sided PCB) 	C222024B0000 C222025B0000 C242612A0000 C242611A0000
6. 	6. Test cords with plugs <ul style="list-style-type: none"> • Serial test plug, 4 wires, 1.5 m with terminals • 4 wire cord, 1.5 m 	MPA025DB0000 MPA025EB0000
	7. Parallel test plug for RJ 11 connector	MPA0781A0000
8. 	8. Label-holders <ul style="list-style-type: none"> • Bag of 100 side label-holders with blank label (space for 3 digits) • with marked label from 000 to 100 	C222903A0000 C222918A0000
9. 	9. Label-holder numbered from 1 to 8 or from 1 to 10 (to be clipped onto Quante-Pouyet backmount frame) <ul style="list-style-type: none"> • Base 8 pairs • Base 10 pairs (packaging: 20 elements)	C220673B0000 C220674B0000
10. 	10. Bag of 10 swivelling label-holders (not compatible with patch cords and wire-wrap modules) <ul style="list-style-type: none"> • Base 8 pairs • Base 10 pairs 	C222950A0000 C222951A0000
11. 	11. Test cords and CKD test plugs <ul style="list-style-type: none"> • Parrallel test cord (3m) • Serial test cord (3m) • Serial test plug (CKD) • Parallel test plug (CKD) 	M004724A0000 M004723A0000 M004725A0000 M004726A0000

STG test accessories

Design/Use

Type/Order text

Part-number



Marking accessories

- Bag of 100 marking caps: (black) marked from 0 to 9 (ten caps marked, "0" ten caps marked "1", ten caps marked "2", etc.)

Black
Grey
Red
Yellow
Blue
Green

C222916B0000
C222920A0000
C222921A0000
C222922A0000
C222923A0000
C222924A0000
C222925A0000

- Bag of 100 marking caps marked from 0 to 9 (to be clipped onto the side of the module) black digits

C222917A0000



Dust covers

Compatible with all modules with or without the protection magazines

- 8 pair modules or blocks
Length: 2 m
- 10 pair modules or blocks
Length: 2 m
Length: 5 x 16 ways, i.e. 50 pairs
Length: 10 x 16 ways, i.e. 100 pairs

C222955A0000

C222956A0000
C222961A0000
C222963A0000



Miscellaneous

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

C223765A0000

Insertion tools

- Impact tools for IDC
To terminate and remove wires from IDC packaging: 1 unit
For Quante-Pouyet IDC system
For Quante-Pouyet, LSA and Siemens IDC systems
Set of 10 spare blades for Pouyet system IDC tool

C234030A0000
C234037A0000
C234043A0000



- Termination support device
Base 8
Base 10

MPA078BA0000
MPA078OA0000



1.1.2