

# STG2000

## Connection Modules

### High Density Cat.5 IDC Module



#### Description

STG 2000 is the last evolution of STG range of connection module. 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 applications.

#### Application in the Network

Suitable for high density installation (2400 pair single sided cross connection cabinets, 1600 pairs on 2.6 metres vertical MDF, containerized exchanges...) STG2000 modules are suitable for public access carrier (MDF, cross connection cabinets, building distribution) as well as for structured cabling and high data rates transmission.



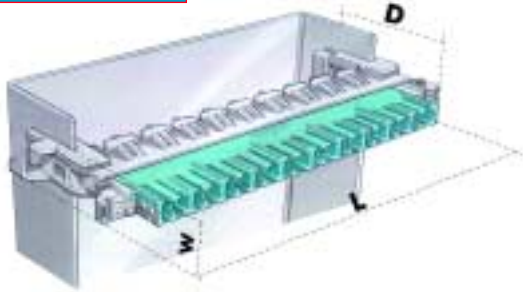
#### Reliability and performance

- Multiple retermination with all kinds of conductors gauges in the 0,4 to 0,8 mm range.
- Improved wire retention.
- 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 contact for stranded wires upon request.

#### Highlights

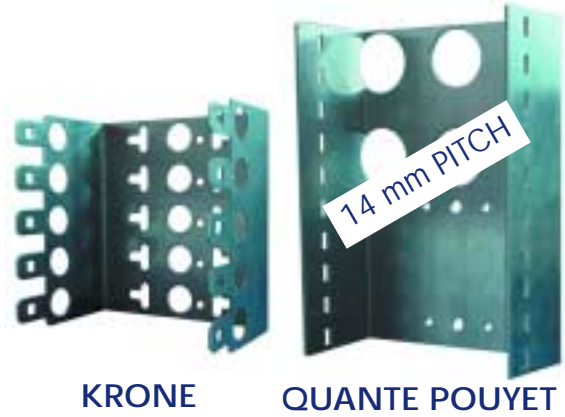
Category 5 transmission performance (100 MHz)  
High density module (14 mm pitch)  
Multiple re-terminations  
0.4 to 0.8 mm conductor diameters  
Fits on QUANTE POUYET and LSA backmount frame  
Optional IDC's for stranded wires  
Specific module with rear cable termination  
Comprehensive range of protection circuits and accessories.

## Dimensions



	L	W	D
8 Pairs Quante Pouyet	126	14	50
10 Pairs Quante Pouyet	146	14	50
8 Pairs LSA	113	15,9	50
10 Pairs LSA	133	15,9	50

## Backmount frames



## IDC Contacts



STG 2000 U  
Connection



STG 2000 C  
Disconnection



STG 2000 O  
Switching

## Universal Tool



## Electrical & Physical Specifications

Lead-trought resistance (mΩ)	Insulation resistance (Ω)	Dielectric strength (KV)	Earth resistance (mΩ)
< 10	> 10 <sup>12</sup>	4,5	80
Operational Temperature range	Material		
From -30°C to +80°C	Polycarbonate		



	Type/Order text	Part number
<b>STG 2000 Modules Quante-Pouyet Backmount frame</b>	<b>Connection modules</b> 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
	<b>Disconnection modules</b> 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
	<b>Switching modules</b> 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
	<b>Connection modules with multipair protection facility</b> 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
	<b>Disconnection modules with multipair protection facility</b> 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
	<b>Switching modules with multipair protection facility</b> 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
	<b>Connection modules with single pair protection facility</b> 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
	<b>Disconnection modules with single pair protection facility</b> 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
	<b>Switching modules with single pair protection facility</b> 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
<b>STG 2000 Modules Quante-Pouyet and LSA Backmount frame</b>	<b>Connection modules</b> 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	C252809A0000 C252827A0000
	<b>Disconnection modules</b> 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	C252803A0000 C252821A0000
	<b>Connection modules with multipair protection facility</b> 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	C252810A0000 C252828A0000
	<b>Disconnection modules with multipair protection facility</b> 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	C252804A0000 C252822A0000

	Type/Order text	Part number
STG 2000 Protection solutions	<b>Magazine for STG with protection facility</b>	
	● 8 pair magazine without arresters	C233725B0000
	● 10 pair magazine without arresters	C233726B0000
	● 8 pair magazine equipped with 250 V arresters with fail safe	C233736B0000
	● 10 pair magazine equipped with 250 V arresters with fail safe	C233740B0000
	● 8 pair magazine equipped with 350 V arresters with fail safe	C233737B0000
	● 10 pair magazine equipped with 350 V arresters with fail safe	C233741B0000
	<b>Magazine with 0,3 m earthing cord (for standard STG without protection facility)</b>	
	● 8 pair magazine without arresters	C233727B0000
	● 10 pair magazine without arresters	C233728B0000
	● 8 pair magazine equipped with 250 V arresters with fail safe	C233744B0000
	● 10 pair magazine equipped with 250 V arresters with fail safe	C233748B0000
	● 8 pair magazine equipped with 350 V arresters with fail safe	C2337245B0000
	● 10 pair magazine equipped with 350 V arresters with fail safe	C2337249B0000
	<b>Surge arresters for protection magazine and tool</b>	
● 3-pole arresters with fail safe		
250	C231039A0000	
350	C231040A0000	
● Combined insertion/extraction tool for protection magazine	C222053A0000	
<b>Single pair protection plugs</b>		
● 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 and current protection (brown)		
SOR PU 4C (diodes)	C233799A0000	
Single protection - 2 fuses (1,5 A/250 V)	C222037A0000	
STG 2000 Test accessories	<b>Disconnection plugs</b>	
	● Bag of 100 disconnection plugs (red)	C222909A0000
	<b>Serial display plug/1 network line</b>	C242628A0000
	<b>PCB type test cords</b>	
	● Parallel test cord (2 wires, 3 m) with banana plugs	C222048B0000
	● Serial test cord (4 wires, 3 m) with banana plugs	C222014B0000
	<b>Multiple parallel test plug</b>	
	● 8 pair, test plug	C222058A0000
	● 10 pair, test plug	C222959A0000
	<b>PCB type patch cords</b>	
	● 4 wire cord, 3 m	C222024B0000
	● 2 wire cord, 3 m	C222025B0000
	● 2 wire cord, 2 m (single-sided PCB)	C242612A0000
	● 2 wire cord, 1 m (single-sided PCB)	C242611A0000
	<b>Test cord with plugs</b>	
	● Serial test with plug, 4 wires, 1,5 m with terminals	MPA025DB0000
	● 4 wire cord, 1,5 m	MPA025EB0000
	<b>Parallel test plug for RJ 11 connector</b>	MPA0781A0000
<b>Label-holders</b>		
● Bag of 100 side label-holders		
with blank label (space for 3 digits)	C222903A0000	
with marked label from 000 to 100	C222918A0000	
<b>Label-holder numbered from 1 to 8 or 1 to 10 ( to be clipped onto Quante-Pouyet backmount frame</b>		
● Base 8 pairs	C220673B0000	
● Base 10 pairs	C220674B0000	
(packaging : 20 elements)		