



This unit consists of a remote control module and a switching unit in the frequency range DC...3 GHz.

Design

The unit is housed in a 19" subrack with very good RF shielding and consists of the following sub-assemblies:

- relay switch SP24T, consisting of SP6T
- control logic
- power supply

All the necessary signal, power supply and earthing connections are provided at the rear. The mains switch is located on the front panel.

Control

The unit is controlled via a separate manual control unit.

Special features

The I/O boards are monitored in a processor routine. A status string can also be requested at any time via the control interface.

The unit is constructed using a modular approach utilising 19" plug-in sub-assemblies which enable ease of installation and maintenance.

Technical data		measured a 25° C
Model number:	GTS2811	
Item number:	(will be assigned after order)	
Configuration:	1 switch SP24T with termination 1 remote control module	
RF specifications		
Impedance (Ohm):	50	
Frequency range (GHz):	DC...3	
Insertion loss (dB):	1.0 max.	
VSWR:	1.5 : 1 max.	
Isolation (dB):	70 min.	
RF power (Watt):	1 (cold switching)	
Switching time (ms):	20 max.	
Switching cycles (Mill.):	1 min.	
Further specifications		
Control:	D-Sub 9-pin, via remote control module	
RF connectors:	SMA female, 50 Ohm	
Power supply (Vac, Hz):	195...264, 47...63	
Connector	3-pin, with mains filter & fuses with integrated lamp	
Mains switch:		
Temperature range (°C):		
Operating	0...50	
EMC:	in accordance to Eur. standard EN 55022 & EN 50082-1/2	
Dimensions:		
Height (RU)	3	
Width (inch)	19	
Depth (mm)	about 350 (without connectors & handles)	
Front panel:		
Front view	painted (RAL7032)	