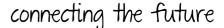




TMS 5x8 C Art. Number 318613







Cascade multiswitch for 1 Satellite position with 5 inputs and 5 trunk outputs, suitable for distributing satellite and terrestrial signals in small to large sized systems. Available with 8 subscriber outputs and powered by the TMS PSU external power supply either directly or via the SAT trunk lines.

**Dependability guaranteed:** a 6-year warranty is our guarantee that TRIAX's core values of reliability and innovation are the foundation of our new multiswitches.

**European IRS Certification Scheme:** TMS 5 Input Cascade Multiswitches and Amplifiers are certified to the EICS scheme, demonstrating the high quality of the solution and compatibility with all major satellite and TV platforms.

The TMS 5x8 C offers excellent performance and flexibility, with a compact design for installations even in confined spaces.

### **Excellent performance**

- Low insertion loss
- High isolation
- Low power consumption
- RED compliant
- ESD Protection

#### **Flexibility**

All the functionality you need in a simplified, streamlined range:

- · Easier to select the right product
- Fewer products to stock
- Quad and Quattro LNB compatible
- Active/Passive Terrestrial Switch

#### Convenience

Designed with installer convenience in mind:

- Equidistant F-connectors on all multiswitches
- Colour-coded input labels
- LED power indicator

### **Technical Specifications**

ORDER INFORMATION	
EAN Number	5702663186132
CHARACTERISTICS	
LNB type	Quattro
Max. input level - SAT (IMD3 - 35dB)   dBμV	97 dBμV
Max. input level - TER (IMD3 - 60dB)   dBμV	90 dBμV
Max. output level SAT @ -35 dB IMD3   dBμV	100 dBμV
Max. output level TER @ -60dB IMD3   dBμV	90 dBμV
LNB current max.   mA	3000 mA
Switch commands	DiSEqC 1.0/2.0, 13/18V, 0/22kHz

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## **Technical Specifications**

FREQUENCY RANGE	
Frequency range TER   MHz	Active: 47862 / Passive: 5862 MHz
Frequency range SAT   MHz	9502200 MHz
GAIN	
Gain - SAT (with 5 dB slope)   dB	-2+3 ± 2 dB
Gain - TER   dB	0 ± 2 dB
LOSS	
Tap loss TER   dB	23 ± 2 dB
Insertion loss - trunkline SAT   dB	4 ± 1 dB
Insertion loss - trunkline TER   dB	3 ± 1 dB
ISOLATION	
Isolation SAT to TER   dB	> 30 dB
Isolation trunk to trunk   dB	> 30 dB
Isolation cross polarisation H/V   dB	30 dB
Isolation out-out SAT   dB	30 dB
Isolation out-out TER   dB	25 dB
RETURN LOSS	
Return loss SAT inputs   dB	>10 dB
Return loss SAT outputs   dB	>10 dB
Return loss TER inputs   dB	>10 dB
Return loss TER outputs   dB	>10 dB
Return loss TAP outputs   dB	10 dB
ELECTRICAL	
Impedance   Ω	75 Ω
OPERATIONAL	
LINE power DC voltage (max.)   VDC	1520 VDC
LINE power current (max.)   mA	2000 mA
PSU output DC voltage   VDC	18 VDC
ESD protection	4KV inputs & sub outputs
DC Current consumption   mA	30mA TER passive mA 200mA TER active
PSU/adapter Art number	318162, 18163, 318164
Max. current to each output (supplied by set top box)   mA	<50 mA
Control LEDs	Green LED (Power)
Temperature - operating   °C	-20+55 °C
CONNECTORS	
Connector Type	F-female
Connector DC	F-female
Number of trunk inputs	4 SAT, 1 TER

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Technical Specifications	
Number of trunk outputs	4 SAT, 1 TER
Subscriber outputs	8
Colorcoding @IF/TER inputs	VL=Black, VH=Red, HL=Green, HH=Yellow, White=TER
MECHANICAL	
Main material	Steel housing
Packing QTY	1
Product Height   mm	175 mm
Product Width   mm	140 mm
Product Depth   mm	65 mm
Packaging Height   m	0.070 m
Packaging Width   m	0.190 m
Packaging Depth   m	0.150 m
Packaging Volume   m3	0.000 m3
Net Weight   kg	0.495 kg
Tara Weight   kg	0.114 kg
Total Weight   kg	0.609 kg

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