



TMS 17x12 C Art. Number 318902



Cascade multiswitch for 4 Satellite positions with 17 inputs and 17 trunk outputs, suitable for distributing satellite and terrestrial signals in small to large sized systems. Available with 12 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.

The TMS 17x12 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:

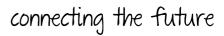
- Easier to select the right product
- · Fewer products to stock
- Active/Passive Terrestrial Switch

#### Convenience

Designed with installer convenience in mind:

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







## **Technical Specifications**

TAN Number	E700000400007
EAN Number	5702663189027
CHARACTERISTICS	
LNB type	Quattro
Max. input level - SAT (IMD3 - 35dB)   dBμV	98 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
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	-3+2 ± 2 dB
Gain - TER   dB	0 ± 2 dB
LOSS	
Tap loss TER   dB	27 ± 2 dB
Insertion loss - trunkline SAT   dB	4 ± 1 dB
Insertion loss - trunkline TER   dB	4.5 ± 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

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# connecting the future

### **Technical Specifications**

DC Current consumption | mA 30mA TER passive mA

180mA TER active

PSU/adapter Art number 318162, 18163, 318164

Max. current to each output (supplied by set top <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 16 SAT, 1 TER

Number of trunk outputs 16 SAT, 1 TER

Subscriber outputs 12

Colorcoding @IF/TER inputs VL=Black, VH=Red, HL=Green, HH=Yellow, White=TER

**MECHANICAL** 

Main material Steel housing

Dimensions product (H x D x W) | mm 180x255x65 mm

Packing QTY 1

Product Height | mm 175 mm 255 mm Product Width | mm Product Depth | mm 65 mm 0.070 m Packaging Height | m 0.280 m Packaging Width | m Packaging Depth | m 0.182 m Packaging Volume | m3 0.000 m3 Net Weight | kg 1.078 kg Tara Weight | kg 0.151 kg Total Weight | kg 1.229 kg

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