

TMS 17x16 C

Art. Number 318903



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 16 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 17x16 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

### ORDER INFORMATION

EAN Number 5702663189034

### CHARACTERISTICS

LNB type	Quattro
Max. input level - SAT (IMD3 - 35dB)   dB $\mu$ V	98 dB $\mu$ V
Max. input level - TER (IMD3 - 60dB)   dB $\mu$ V	90 dB $\mu$ V
Max. output level SAT @ -35 dB IMD3   dB $\mu$ V	100 dB $\mu$ V
Max. output level TER @ -60dB IMD3   dB $\mu$ V	90 dB $\mu$ V
LNB current max.   mA	3000 mA
Switch commands	DiSEqC 1.0/2.0, 13/18V, 0/22kHz

### FREQUENCY RANGE

Frequency range TER   MHz	Active: 47...862 / Passive: 5...862 MHz
Frequency range SAT   MHz	950...2200 MHz

### GAIN

Gain - SAT (with 5 dB slope)   dB	-3...+2 $\pm$ 2 dB
Gain - TER   dB	0 $\pm$ 2 dB

### LOSS

Tap loss TER   dB	27 $\pm$ 2 dB
Insertion loss - trunkline SAT   dB	4 $\pm$ 1 dB
Insertion loss - trunkline TER   dB	4.5 $\pm$ 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 |  $\Omega$  75  $\Omega$

### OPERATIONAL

LINE power DC voltage (max.)   VDC	15...20 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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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	16
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
Product Width   mm	255 mm
Product Depth   mm	65 mm
Packaging Height   m	0.070 m
Packaging Width   m	0.280 m
Packaging Depth   m	0.182 m
Packaging Volume   m3	0.000 m3
Net Weight   kg	1.098 kg
Tara Weight   kg	0.151 kg
Total Weight   kg	1.249 kg