



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:

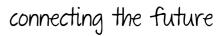
- Easier to select the right product
- Fewer products to stock
- Active/Passive Terrestrial Switch

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

EAN Number 5702663189034 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 - 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 cross polarisation H/V dB 30 dB	CHARACTERISTICS LNB type Max. input level - SAT (IMD3 - 35dB) dBµV Max. input level - TER (IMD3 - 60dB) dBµV Max. output level SAT @ -35 dB IMD3 dBµV Max. output level TER @ -60dB IMD3 dBµV LNB current max. mA Switch commands FREQUENCY RANGE Frequency range TER MHz	Quattro 98 dBµV 90 dBµV 100 dBµV 90 dBµV 3000 mA DiSEqC 1.0/2.0, 13/18V, 0/22kHz
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Insertion loss - trunkline SAT dB	LOSS	
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Isolation trunk to trunk dB > 30 dB	SOLATION	
·	solation SAT to TER dB	> 30 dB
Isolation cross polarisation H/V dB 30 dB	solation trunk to trunk dB	> 30 dB
	solation cross polarisation H/V dB	30 dB
Isolation out-out SAT dB 30 dB	solation out-out SAT dB	30 dB
Isolation out-out TER dB 25 dB	solation out-out TER dB	25 dB
RETURN LOSS	RETURN LOSS	
Return loss SAT inputs dB >10 dB	Return loss SAT inputs dB	>10 dB
Return loss SAT outputs dB >10 dB	Return loss SAT outputs dB	>10 dB
Return loss TER inputs dB >10 dB	Return loss TER inputs dB	>10 dB
Return loss TER outputs dB >10 dB	Return loss TER outputs dB	>10 dB
Return loss TAP outputs dB 10 dB	Return loss TAP outputs dB	10 dB
ELECTRICAL	ELECTRICAL	
Impedance Ω 75 Ω	mpedance Ω	75 Ω
OPERATIONAL	OPERATIONAL	
LINE power DC voltage (max.) VDC 1520 VDC	INE power DC voltage (max.) VDC	1520 VDC
LINE power current (max.) mA 2000 mA	INE power current (max.) mA	2000 mA
PSU output DC voltage VDC 18 VDC		18 VDC
ESD protection 4KV inputs & sub outputs	PSU output DC voltage VDC	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 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 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 1.098 kg Tara Weight | kg 0.151 kg Total Weight | kg 1.249 kg

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