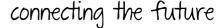




TMS 5x24 C Art. Number 318616









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 24 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 5x24 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	5702663186163
CHARACTERISTICS	
LNB type	Quattro
Max. input level - SAT (IMD3 - 35dB)   dBμV	99 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	-4+1 ± 2 dB
Gain - TER   dB	0 ± 2 dB
LOSS	
Tap loss TER   dB	33 ± 2 dB
Insertion loss - trunkline SAT   dB	7 ± 1 dB
Insertion loss - trunkline TER   dB	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   $\Omega$	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
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Number of trunk outputs 4 SAT, 1 TER

Subscriber outputs 24

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 255 mm Product Width | mm 140 mm 65 mm Product Depth | mm Packaging Height | m 0.070 m 0.270 m Packaging Width | m Packaging Depth | m 0.150 m 0.000 m3 Packaging Volume | m3 Net Weight | kg 0.760 kg Tara Weight | kg 0.131 kg Total Weight | kg 0.891 kg

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