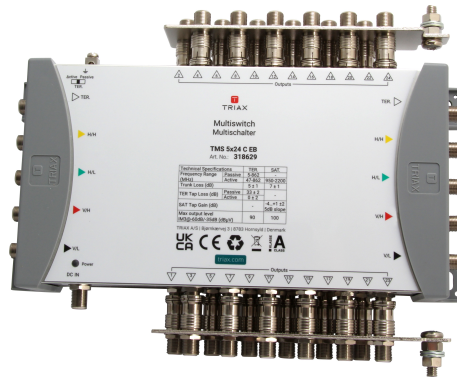


TMS 5x24 C EB

Art. Number 318629



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.

The TMS 5x24 C EB 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
- Earth bars



Technical Specifications

ORDER INFORMATION

EAN Number 5702663186293

CHARACTERISTICS

LNB current max. | mA 3000 mA
LNB type Quattro
Max. input level - SAT (IMD3 - 35dB) | dB μ V 99 dB μ V
Max. input level - TER (IMD3 - 60dB) | dB μ V 90 dB μ V
Max. output level SAT @ -35 dB IMD3 | dB μ V 100 dB μ V
Max. output level TER @ -60dB IMD3 | dB μ V 90 dB μ V
Switch commands DiSEqC 1.0/2.0, 13/18V, 0/22kHz

FREQUENCY RANGE

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

GAIN

Gain - SAT (with 5 dB slope) | dB $-4...+1 \pm 2$ dB
Gain - TER | dB 0 ± 2 dB

LOSS

Insertion loss - trunkline SAT | dB 7 ± 1 dB
Insertion loss - trunkline TER | dB 5 ± 1 dB
Tap loss TER | dB 33 ± 2 dB

ISOLATION

Isolation cross polarisation H/V | dB 30 dB
Isolation out-out SAT | dB 30 dB
Isolation out-out TER | dB 25 dB
Isolation SAT to TER | dB > 30 dB
Isolation trunk to trunk | dB > 30 dB

RETURN LOSS

Return loss SAT inputs | dB >10 dB
Return loss SAT outputs | dB >10 dB
Return loss TAP outputs | dB 10 dB
Return loss TER inputs | dB >10 dB
Return loss TER outputs | dB >10 dB

ELECTRICAL

Impedance | Ω 75 Ω

OPERATIONAL

Control LEDs Green LED (Power)
DC Current consumption | mA 30mA TER passive mA
200mA TER active
ESD protection 4KV inputs & sub outputs



Technical Specifications

| | |
|--|------------------------|
| PSU/adapter Art number | 318165, 318166, 318167 |
| LINE power current (max.) mA | 2000 mA |
| LINE power DC voltage (max.) VDC | 15...20 VDC |
| Max. current to each output (supplied by set top box) mA | <50 mA |
| PSU output DC voltage VDC | 18 VDC |
| Temperature - operating °C | -20...+55 °C |

CONNECTORS

| | |
|----------------------------|--|
| Connector Type | F-female |
| Connector DC | F-female |
| Colorcoding @IF/TER inputs | VL=Black, VH=Red, HL=Green, HH=Yellow, White=TER |
| Number of inputs | 17 |
| Number of trunk inputs | 4 SAT, 1 TER |
| Number of trunk outputs | 4 SAT, 1 TER |
| Subscriber outputs | 24 |

MECHANICAL

| | |
|-----------------------|---------------|
| Product Depth mm | 65 mm |
| Packaging Depth m | 0.205 m |
| Packaging Height m | 0.070 m |
| Total Weight kg | 1.433 kg |
| Packaging Width m | 0.270 m |
| Product Height mm | 280 mm |
| Main material | Steel housing |
| Net Weight kg | 1.243 kg |
| Packing QTY | 1 |
| Remarks | Earth bars |
| Tara Weight kg | 0.190 kg |
| Packaging Volume m3 | 0.000 m3 |
| Product Width mm | 140 mm |