

TMS/CKR 5x16 S

Art. Number 318604



Standalone multiswitch for 1 Satellite position with 5 inputs and 16 outputs, suitable for distributing satellite and terrestrial signals in small and medium sized systems.

**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/CKR 5x16 S 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



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### ORDER INFORMATION

EAN Number 5702663186040

### CHARACTERISTICS

LNB current max. | mA 1000 mA  
LNB type Quad/Quattro  
Max. input level - SAT (IMD3 - 35dB) | dB $\mu$ V 97 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  
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...694 / Passive: 5...862 MHz

### GAIN

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

### LOSS

Tap loss TER | dB  $27 \pm 2$  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

### RETURN LOSS

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

### ELECTRICAL

Impedance |  $\Omega$  75  $\Omega$

### OPERATIONAL

Control LEDs Green LED (Power)  
ESD protection 4KV inputs & sub outputs  
Max. current pass per F-connector | mA 2000 mA  
Max. current to each output (supplied by set top)  $<50$  mA  
AC Supply voltage | VAC 180...264 VAC  
Power Consumption (typ.) | W 3.5W max. TER active W  
2W max. TER passive  
Temperature - operating |  $^{\circ}\text{C}$   $-20...+55$   $^{\circ}\text{C}$

### CONNECTORS



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Connector Type	F-female
Colorcoding @IF/TER inputs	VL=Black, VH=Red, HL=Green, HH=Yellow, White=TER
Number of inputs	5
Power connector	EU main plug
Subscriber outputs	16

### MECHANICAL

Product Depth   mm	65 mm
Dimensions product (H x D x W)   mm	140 x 65 x 250 mm
Packaging Depth   m	0.150 m
Packaging Height   m	0.070 m
Total Weight   kg	0.993 kg
Packaging Width   m	0.300 m
Product Height   mm	250 mm
Main material	Steel housing
Net Weight   kg	0.842 kg
Packing QTY	1
Tara Weight   kg	0.151 kg
Packaging Volume   m3	0.000 m3
Product Width   mm	140 mm