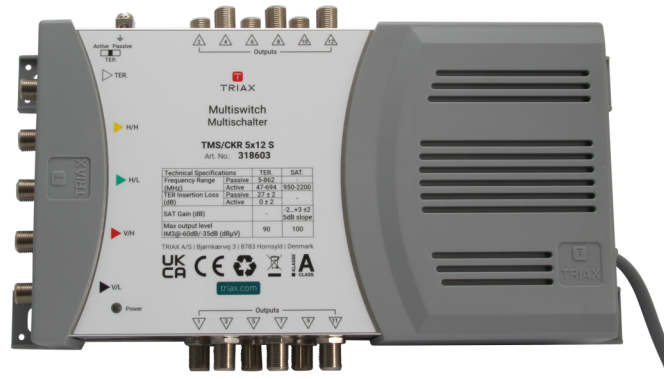


TMS/CKR 5x12 S

Art. Number 318603



Standalone multiswitch for 1 Satellite position with 5 inputs and 12 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 5x12 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



## Technical Specifications

### ORDER INFORMATION

EAN Number 5702663186033

### CHARACTERISTICS

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  
LNB current max. | mA 1000 mA  
Switch commands DiSEqC 1.0/2.0, 13/18V, 0/22kHz

### FREQUENCY RANGE

Frequency range TER | MHz Active: 47...694 / Passive: 5...862 MHz  
Frequency range SAT | MHz 950...2200 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 SAT to TER | 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 TER inputs | dB >10 dB  
Return loss TAP outputs | dB >10 dB

### ELECTRICAL

Impedance |  $\Omega$  75  $\Omega$

### OPERATIONAL

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



## Technical Specifications

### CONNECTORS

Connector Type	F-female
Number of inputs	5
Subscriber outputs	12
Power connector	EU main plug
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	140 x 65 x 250 mm
Packing QTY	1
Product Height   mm	250 mm
Product Width   mm	140 mm
Product Depth   mm	65 mm
Packaging Height   m	0.070 m
Packaging Width   m	0.300 m
Packaging Depth   m	0.150 m
Packaging Volume   m <sup>3</sup>	0.000 m <sup>3</sup>
Net Weight   kg	0.802 kg
Tara Weight   kg	0.151 kg
Total Weight   kg	0.953 kg