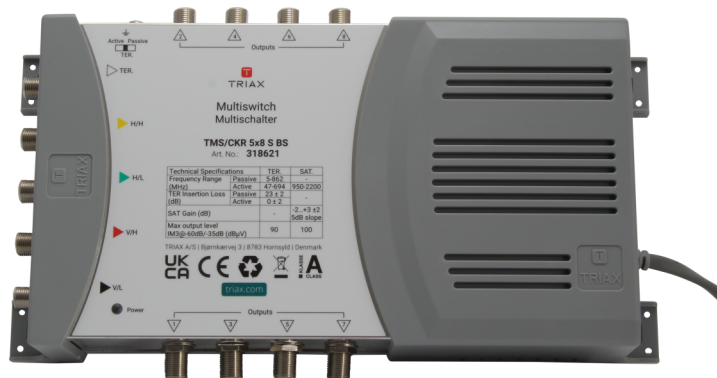


## TMS/CKR 5x8 S BS

Art. Number 318621



Standalone multiswitch for 1 Satellite position with 5 inputs and 8 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 5x8 S BS 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
- Earth Bars
- UK Power Supply

## Technical Specifications

### ORDER INFORMATION

EAN Number 5702663186217

### CHARACTERISTICS

|                                             |                                 |
|---------------------------------------------|---------------------------------|
| LNB type                                    | Quad/Quattro                    |
| Max. input level - SAT (IMD3 - 35dB)   dBμV | 97 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                       | 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 ± 2 dB |
| Gain - TER   dB                   | 0 ± 2 dB       |

### LOSS

|                   |           |
|-------------------|-----------|
| Tap loss TER   dB | 23 ± 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   Ω | 75 Ω |
|---------------|------|

### OPERATIONAL

|                                                            |                                           |
|------------------------------------------------------------|-------------------------------------------|
| AC Supply voltage   VAC                                    | 180...264 VAC                             |
| ESD protection                                             | 4KV inputs & sub outputs                  |
| Power Consumption (typ.)   W                               | 3W max. TER active<br>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   °C                               | -20...+55 °C                              |



# TRIAx

connecting the future

## Technical Specifications

### CONNECTORS

|                            |                                                  |
|----------------------------|--------------------------------------------------|
| Connector Type             | F-female                                         |
| Number of inputs           | 5                                                |
| Subscriber outputs         | 8                                                |
| Power connector            | UK 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   m3               | 0.000 m3          |
| Net Weight   kg                     | 0.780 kg          |
| Tara Weight   kg                    | 0.151 kg          |
| Total Weight   kg                   | 0.931 kg          |