



TMS/CKR 5x8 S

Art. Number 318602



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 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

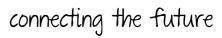
Convenience

Designed with installer convenience in mind:

- Equidistant F-connectors on all multiswitches
- Colour-coded input labels
- · LED power indicator

Technical Specifications







Technical Specifications

EAN Number 5702663186026 CHARACTERISTICS LNB type	ORDER INFORMATION	
CHARACTERISTICS LNB type Quad/Quattro Max. input level - SAT (IMD3 - 35dB) dBµV 97 dBµV Max. niput level - TER (IMD3 - 60dB) dBµV 90 dBµV Max. output level SAT @ -35 dB IMD3 dBµV 1000 dBµV LNB current max. mA 1000 mA Switch commands DISEQC 1.0/2.0, 13/18V, 0/22kHz FFEQUENCY RANGE Frequency range TER MHz Active: 47694 / Passive: 5862 MHz Frequency range SAT MHz 9502200 MHz GAIN 3023 dB Gain - SAT (with 5 dB slope) dB -2+3 ± 2 dB Gain - TER dB 0 ± 2 dB LOSS 130 dB Tap loss TER dB 30 dB 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 SAT inputs dB >10 dB Return loss TAP outputs dB >10 dB Return loss TAP outputs dB >10 dB		5702663186026
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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: 47694 / Passive: 5862 MHz Frequency range SAT MHz 9502200 MHz GAIN Gain - SAT (with 5 dB slope) dB -2+3 ± 2 dB Gain - TER dB 0 ± 2 dB LOSS Tap loss TER dB 30 dB Isolation SAT to TER dB Isolation SAT to TER dB 30 dB Isolation out-out SAT dB 30 dB Isolation out-out SAT dB 30 dB Isolation sat Ter dB 25 dB Return loss SAT inputs dB >10 dB Return loss TAP outputs dB >10 dB Return loss TAP outputs dB >10 dB RetCTRICAL Impedance Ω 75 Ω OPERATIONAL AC Supply voltage VAC 180264 VAC ESD protection 4KV inputs & sub outputs Powe	, , , ,	•
LNB current max. mA		·
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FREQUENCY RANGE Frequency range TER MHz	·	
Frequency range TER MHz		Let the the terminal
GAIN		Active: 47694 / Passive: 5862 MHz
Gain - SAT (with 5 dB slope) dB		9502200 MHz
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 SAT 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 Return loss TAP outputs dB >10 dB Return loss TAP outputs dB >10 dB ELECTRICAL Impedance Ω 75 Ω OPERATIONAL AC Supply voltage VAC 180264 VAC ESD protection 4KV inputs & sub outputs Power Consumption (typ.) W 3W 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 Control LEDs Green LED (Power)	· · ·	
Common Common		-2+3 ± 2 dB
LOSS Tap loss TER dB	. , ,	0 ± 2 dB
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 Return loss TAP outputs dB >10 dB ELECTRICAL Impedance Ω 75 Ω OPERATIONAL AC Supply voltage VAC 180264 VAC ESD protection 4KV inputs & sub outputs Power Consumption (typ.) W 3W 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 Control LEDs Green LED (Power)	·	
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 180264 VAC ESD protection 4KV inputs & sub outputs Power Consumption (typ.) W 3W 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 Control LEDs Green LED (Power)	Tap loss TER dB	23 ± 2 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 TAP outputs dB >10 dB Return loss TAP outputs dB >10 dB Return loss TAP outputs dB >10 dB ELECTRICAL Impedance Ω 75 Ω OPERATIONAL AC Supply voltage VAC 180264 VAC ESD protection 4KV inputs & sub outputs Power Consumption (typ.) W 3W 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 Control LEDs Green LED (Power)	ISOLATION	
Isolation out-out SAT dB Isolation out-out TER dB RETURN LOSS Return loss SAT inputs dB Return loss TER inputs dB Return loss TAP outputs dB Return loss TAP outputs dB Return loss TAP outputs dB Return loss TAP outputs dB Return loss TAP outputs dB Return loss TAP outputs dB Poperational Impedance Ω OPERATIONAL AC Supply voltage VAC ESD protection AKV inputs & sub outputs Power Consumption (typ.) W 3W max. TER active W 2W max. TER passive Max. current pass per F-connector mA Max. current to each output (supplied by set top box) mA Control LEDs Green LED (Power)	Isolation SAT to TER dB	30 dB
Isolation out-out TER dB 25 dB	Isolation cross polarisation H/V dB	30 dB
RETURN LOSS Return loss SAT inputs dB >10 dB Return loss TAP outputs dB >10 dB ELECTRICAL Impedance Ω 75 Ω OPERATIONAL AC Supply voltage VAC 180264 VAC ESD protection 4KV inputs & sub outputs Power Consumption (typ.) W 3W 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	Isolation out-out SAT dB	30 dB
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 180264 VAC ESD protection 4KV inputs & sub outputs Power Consumption (typ.) W 3W 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	Isolation out-out TER dB	25 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 180264 VAC ESD protection 4KV inputs & sub outputs Power Consumption (typ.) W 3W 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 Control LEDs Green LED (Power)	RETURN LOSS	
Return loss TAP outputs dB >10 dB ELECTRICAL The passive Impedance Ω 75 Ω OPERATIONAL AC Supply voltage VAC 180264 VAC ESD protection 4KV inputs & sub outputs Power Consumption (typ.) W 3W 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	Return loss SAT inputs dB	>10 dB
ELECTRICAL Impedance Ω 75 Ω OPERATIONAL AC Supply voltage VAC 180264 VAC ESD protection 4KV inputs & sub outputs Power Consumption (typ.) W 3W 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	Return loss TER inputs dB	>10 dB
Impedance Ω 75 Ω OPERATIONAL AC Supply voltage VAC 180264 VAC ESD protection 4KV inputs & sub outputs Power Consumption (typ.) W 3W 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	Return loss TAP outputs dB	>10 dB
OPERATIONAL AC Supply voltage VAC ESD protection 4KV inputs & sub outputs Power Consumption (typ.) W 3W max. TER active W 2W max. TER passive Max. current pass per F-connector mA Max. current to each output (supplied by set top box) mA Control LEDs Green LED (Power)	ELECTRICAL	
AC Supply voltage VAC ESD protection Power Consumption (typ.) W 3W max. TER active W 2W max. TER passive Max. current pass per F-connector mA Max. current to each output (supplied by set top box) mA Control LEDs Green LED (Power)	Impedance Ω	75 Ω
ESD protection 4KV inputs & sub outputs 3W max. TER active W 2W max. TER passive Max. current pass per F-connector mA Max. current to each output (supplied by set top box) mA Control LEDs 4KV inputs & sub outputs W 2W max. TER active W 2W max. TER passive Green LED (Power)	OPERATIONAL	
Power Consumption (typ.) W 3W max. TER active 2W max. TER passive Max. current pass per F-connector mA Max. current to each output (supplied by set top box) mA Control LEDs Green LED (Power)	AC Supply voltage VAC	180264 VAC
2W max. TER passive Max. current pass per F-connector mA Max. current to each output (supplied by set top box) mA Control LEDs Green LED (Power)	ESD protection	4KV inputs & sub outputs
Max. current to each output (supplied by set top box) mA Control LEDs	Power Consumption (typ.) W	
box) mA Control LEDs Green LED (Power)	Max. current pass per F-connector mA	2000 mA
,		<50 mA
Temperature - operating °C -20+55 °C	Control LEDs	Green LED (Power)
	Temperature - operating °C	-20+55 °C

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Technical Specifications

	ORS

Connector Type F-female

Number of inputs 5

Subscriber outputs 8

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

250 mm Product Height | 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 0.762 kg Tara Weight | kg 0.151 kg Total Weight | kg 0.913 kg

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