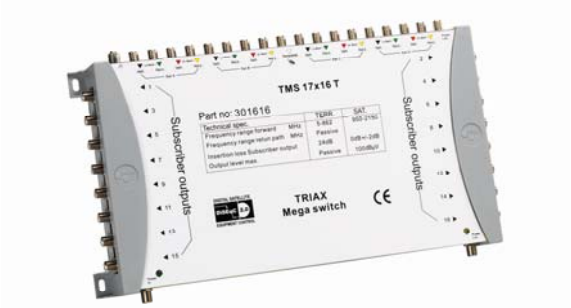
TRIAX Techinfo

Terminating multiswitch for 4 satellite positions and terrestrial signals. For external power supply.	TMS 17 x T Series
 	**TMS 17x6 T** P/N: 301606 **TMS 17x8 T** P/N: 301608 **TMS 17x12 T** P/N : 301612 **TMS 17x16 T** P/N : 301616

General description:

Triax TMS 17xT is an easy to install terminating multiswitch system for use where four satellite positions are required. A terrestrial input is available to allow terrestrial as well as satellite signals to be available on all subscriber outputs.

This product series comprises versions with 6, 8, 12 and 16 subscriber outputs in one trunk-terminating unit and is used as the last unit in a cascaded TMS 17xC system.
A TMS 17AMP is also available for insertion is the system where it is necessary due to cable loss. Please see separate specifications.

TMS 17xT has an active satellite signal path and a passive terrestrial signal path allowing a terrestrial return path if needed. Consequently a set-top box is not required at subscriber outlet to receive terrestrial signals. Satellite position switching is done via DiSEqC signals from the subscriber set-top box. A maximum of 100mA is sourced for this purpose from the subscriber set-top box.

All input connectors are color coded to avoid installation errors and make the installation an easy and simple task. LNB power can be applied anywhere in the system via one of the TMS17x units. Likewise a separate supply line is available for the TMS17AMP.

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TYPE Partnumber		TMS 17x6T 301606	TMS 17x8T 301608	TMS 17x12T 301612	TMS 17x16T 301616	Unit
Input lines	TER	1 input				
	SAT	16 inputs (4 satellite positions)				
Subscriber Outputs		6	8	12	16	
Connectors		F-connector, female				
Frequency range	TER	5 to 865 (passive)				MHz
	SAT	950 to 2150 (active)				MHz
Gain	TER	-21	-22	-24	-24	dB
	SAT	-2	0	-2	0	dB
Isolation	LNB to LNB	35	35	35	35	dB
	TER to SAT	20	20	20	20	dB
	SAT to TER	30	30	30	30	dB
	Cross pol H/V	28	28	28	28	dB
	Out-out TER	25	25	25	25	dB
	Out-out SAT	30	30	30	30	dB
Return loss	TER inputs	8	8	8	8	dB
	TER outputs	8	8	8	8	dB
	SAT inputs	12	12	12	12	dB
	SAT Outputs	12	12	12	12	dB
Max. output Level	SAT (IMA_3 35dB)	100	100	100	100	dBµV
Input/output impedance		75				Ohms
Switching signals		13V, 18V, 13V/22kHz, 18V/22kHz, DiSEqC2,0 and Tomeburst				VDC
Supply voltage		15 +/- 0,5				VDC
Current consumption		<50				mA
Power supply		External power adaptor, 30 W, F-connector				
LNB Power supply		Max. 1,3				A
Power link (for amplifiers in the line)		Depend upon the power consumption of the amps.				
Control LEDs		Green LED for power, Yellow for power link to Amp.				
Colorcoding of IF and Ter inputs		Vertical Lo: Black Vertical Hi: Red Horisontal Lo: Green Horisontal Hi: Yellow Terrestrial : White/Clear				
Dimensions l x h x w						mm

Also available :

301501 : TMS 17 AMP, Cascadable amplifier, 16 polarities + terrestrial
301504 : TMS 17-PSU, Power Supply + Mounting Bracket
301506 : TMS 17x6 C, Cascadable multiswitch, 6 subscriber outputs
301508 : TMS 17x8 C, Cascadable multiswitch, 8 subscriber outputs
301512 : TMS 17x12 C, Cascadable multiswitch, 12 subscriber outputs
301516 : TMS 17x16 C, Cascadable multiswitch, 16 subscriber outputs

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