



*Televes reserves the right to modify the product*

## EuroSwitch 17 inputs - 24 outputs

### Compact and effective for large installations

Compact multiswitch equipped with 17 inputs (one terrestrial and 16 for four satellites, each with its four polarities) and 24 user outputs.

Thanks to its great compactness and its optimized electronic design, it presents very low through and tap losses. This allows to reduce the number of amplifiers needed in the cascade and to obtain a better balanced signal in the users, even in large collective installations.

Can be used as a terminal (star topology) or as a cascade by using a simple switch. In addition, it incorporates a second switch that activates the TForce technology, which automatically adjusts the terrestrial signal and keep it constant despite variations in the reception.

RED compliant

**Ref.719804**

**Art.Nr**

MSE1724K

**EAN13**

8424450211540

### Highlights

- Very compact in dimensions and weight, even in models with high number of users
- Very low through and tap losses
- Great isolation between inputs and outputs
- Equipped with the TForce technology, the terrestrial output level is automatically adjusted (TERR. AMP. ACTIVE) to the optimal level
- Two powering options: From the power supply, or from the cascade through the satellite inputs or outputs
- 100% european design, quality, and manufacturing

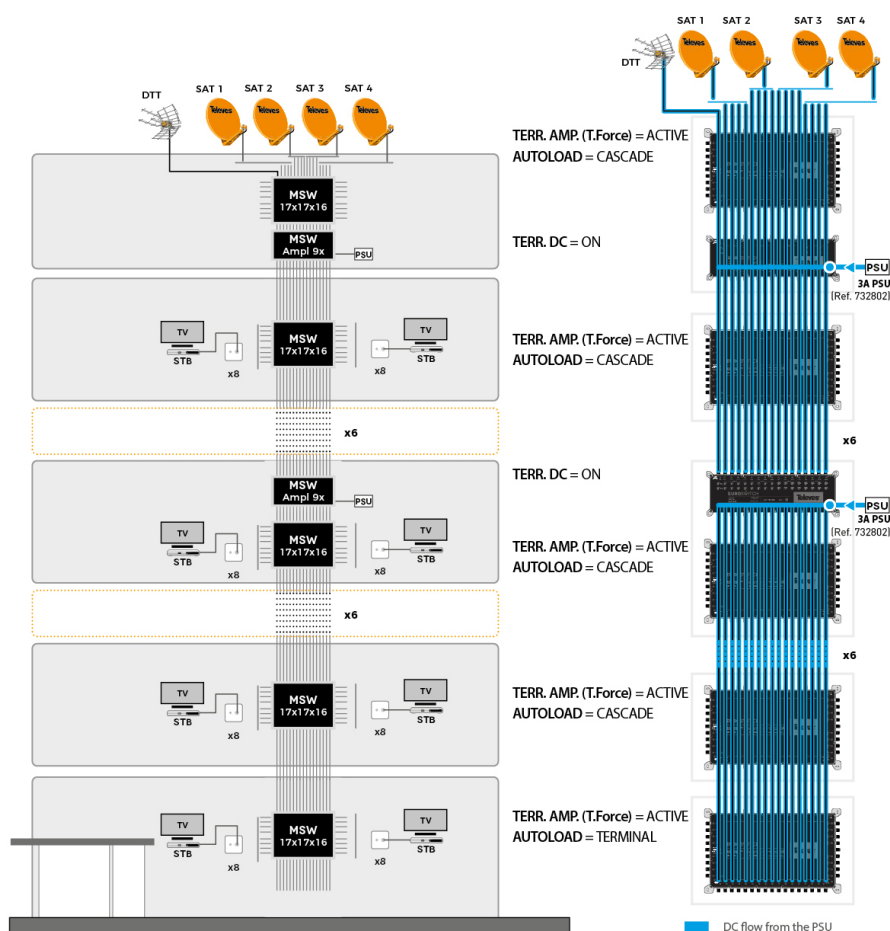
## Main features

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- High shielding (A class) thanks to its manufacture in Zamak
- Versatile: selector switch to shift between cascade and terminal modes
- Low consumption under normal conditions. In addition, ECO mode reduces consumption as the number of connected users decreases
- Wide 12-18V power supply range, making it compatible with most existing systems
- Current circulation between all inputs and cascades
- Input and output colour identification

## Application example

(Click to see the picture)



## Installation into a large building (4 satellites)

The LNBS, terrestrial antenna and the whole cascade is powered by various 3A PSUs. The number of PSUs in the system will be carried out as a function of the total power consumption of the installation. In case of using amplifiers, these will

be the recommended elements to place the power supply units.

## Technical specifications

Number of inputs		17
Number of cascable outputs		17
Number of user outputs		24
Frequency range TERR.	MHz	88 ... 862
Frequency range SAT.	MHz	950 ... 2400
Input level TERR.	dBμV	80 ... 110
Input level SAT.	dBμV	65 ... 112
Through losses TERR.	dB	< 4.5
Through losses SAT.	dB	3 ... 5.5
Tap losses TERR. Active	dB	2
Tap losses TERR. Passive	dB	34
Tap losses SAT.	dB	2 ... 7
Output level 10Ch DVB-T	dBμV	78
Isolation H/V	dB	> 50
Isolation users	dB	> 30
Powering	Vdc	12 ... 18
Max. current (PSU - TERR ACT.)	mA	115 * <sup>1</sup>
Max. current (PSU - TERR PAS.)	mA	5
Max. current (STB)	mA	85
Operating temperature	°C	-5 ... 45
Protection index (IP)		20