

TSX 12

DIMMING EQUIPMENT

The dimming equipment TSX 12 enables connecting of twelve circuits with the load of 1.2 kW or 2.3 kW per circuit. The fully digital control unit enables user setting of many functions. The unit is intended for fixed installation in theatres, community centers, TV studios etc.



Dimmer features

- Wall mounting
- Full digital control with TSC 12 control unit
- Power outputs to terminals
- Circuit protection with circuit breakers C6A or C10A
- Digital input DMX 512 (connection to connecting block)
- Signaling of the connection of individual phases
- Signaling of the connection of the DMX signal
- Voltage measuring of the individual phases
- RFI interference elimination meeting the requirements of the EN 55014
- Passive and active cooling (controlled depending on temperature)

TSC 12 control unit features

- Voltage indication of all phases on the display
- Temperature indication on the display
- Value indication for all receiving DMX channels on the display in % (0–100%)
- Output level indication of all dimmers in % (0–100%)
- Assignment of any DMX address to any dimmer (PATCH)
- Setting DMX start address
- 5 curves of output characteristics
- Setting dimmer preheating (PREHEAT)
- Maximal voltage setting of the dimmer
- Setting of the switching temperature for fans

Technical Specification

Supply Voltage	3×230 V/ 400 V, 50 Hz, TN-S
Dimensions (W×H×D) [mm]	575×590×105
Weight	24 kg
Number of circuits	12
Max. total load	14,4 kW/27,6 kW
Max. feed current	3×20 A/3×40 A
Max. load per circuit	1,2 kW/2,3 kW
Min. load per circuit	25 W
Control signal	DMX 512
Enclosure	IP 20
Operating temperature	10–50° C

Supplied model variants

TSX 12\1,2 kW wall system	ID Nr. 1023102
TSX 12\2,3 kW wall system	ID Nr. 1023103