

TSX 48

DIMMING EQUIPMENT

The dimming equipment TSX 48 enables connecting of forty eight circuits with the load of 1.2 kW per circuit. The fully digital control unit LE 24x2 enables many definable functions, it is fitted with two DMX inputs and an Ethernet port for communication with computer. The equipment enables storing of own memories and their start from the control unit or from external push-button station. The unit is intended for fixed installation in theatres, community centers, TV studios etc.



Dimmer features

- Wall mounting
- Passive and active cooling (controlled depending on temperature)
- Full digital control with Le 24x2 control unit
- 2x digital input DMX 512 (connection to connecting block).
- Ethernet port RJ-45
- 2 analog outputs
- 16 analog inputs
- Possibility of storing of own memories
- **Start of the preset scenes by push-button stations. These push-button stations have got 6 presets and can be placed in any location in the building.**
- Protection of individual circuits with circuit breakers C6A

Le24 control unit features

- Voltage indication of all phases on the display
- Setting the start address for DMX port A and B
- Assignment of any DMX address to any dimmer (PATCH)
- 8 curves of output characteristics
- Setting dimmer preheating (PREHEAT) 0–10%
- Maximal voltage setting of the Dimmer 90–100%
- Setting response time of 30 ms, 100 ms, 300 ms
- Assignment of analog inputs to individual dimmers
- Behaviour setting by signal drop–out–hold last, black out, fixed value, stored preset
- Diagnostics using Ethernet interface
- Monitoring and setting through PC
- Locking of set values
- Testing mode

Technical Specification

Supply Voltage	3× 230 V/400 V, 50 Hz, TN-S
Dimensions (W×H×D) [mm]	830×1060×105
Weight	70 kg
Number of circuits	48
Max. total load	57,6 kW
Max. feed current	3× 80 A
Max. load per circuit	1,2 kW
Min. load per circuit	25 W
Control signal	DMX 512
Enclosure	IP20
Operating temperature	10–50° C

Supplied model variants

TSX 48\1,2 kW wall system	ID Nr. 1023119
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