

6 Push Buttons with Display (Room Controller) – Mesbus Technical Documentation

OKS-ELITE-PRO



Features:

- Room Controller
- Coloured display to indicate functions and status
- 2.4" TFT LCD with back-light (240 x RGB x 320 dots)
- 7 push buttons and 6 RGB LEDs
- Multiple Screens for AC, RGB, Tunable White and General Functions
- 6 Configurable Screens – 6 General, 2 AC, 1 RGB, 1 Tunable White
- 1 button operation for switching, dimming, shutters, scenes, Value Sending
- Short press and long press functionality
- Total data saving on bus failure
- No additional Power supply required
- Automatic screen saver after inactivity
- Internal Temperature Sensor & RTC
- Programming button and LED

Messung Systems Pvt. Ltd.

501 Lunkad Sky Vista, Viman Nagar, Pune 411 014, India.

T: +91 20 6649 2800 | e: info@messung.com | w: www.messung.com

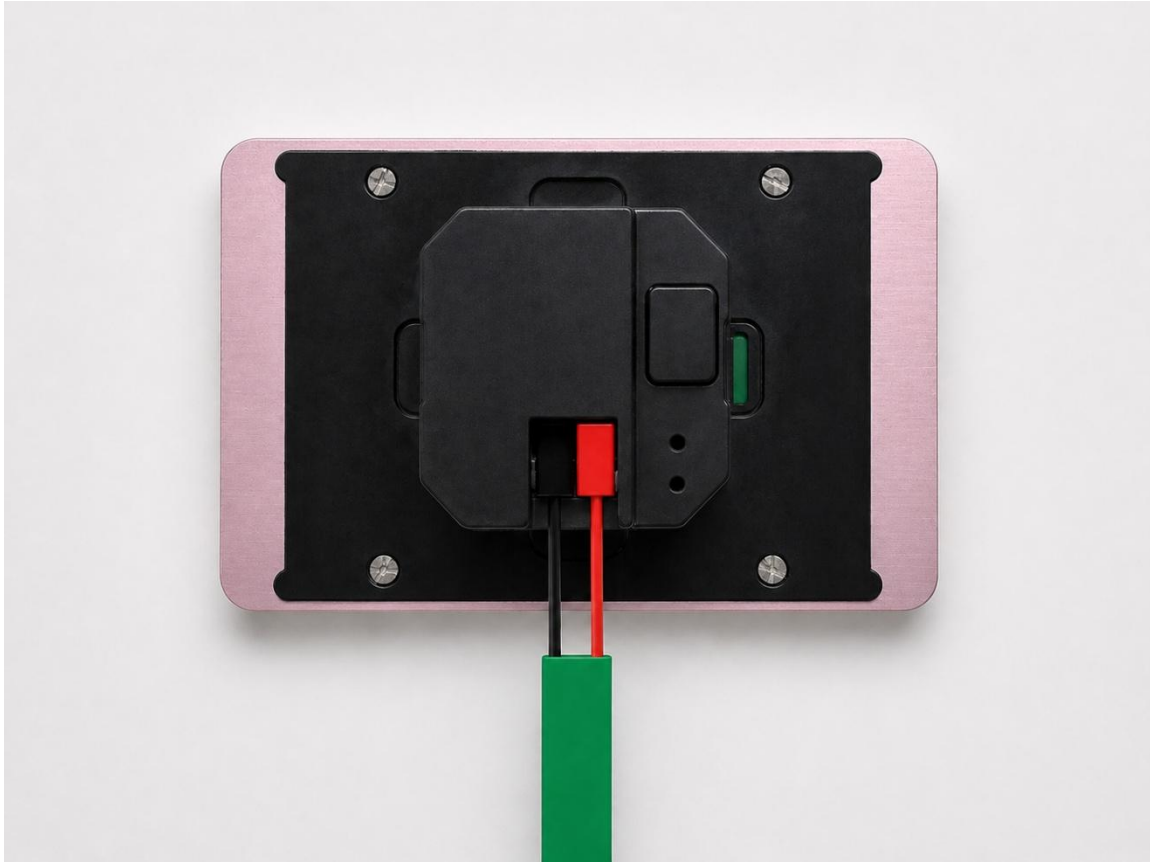
General Product Specifications	
Type of Device	Electric Control Operation Device
Voltage Typical	29VDC SELV
Power Consumption	1102mW, 38mA @ 29VDC
Bus Connection	Typical BUS connector TP1, 0.8 ² mm
External Supply	No
Display Size and Type	2.4 inch (240 x RGB x 320 dots), TFT LCD
Number of Push Buttons	7
Operation Indication	1 Programming LED to indicate the Programming Mode (RED). 6 RGB LED indicators to indicate the status of the buttons.
MES BUS Power Failure response	Data saving
Response when restarting MES BUS	Data recovery and restoring parameters.
Operating Temperature Range	0 to 60°C
Storage Temperature Range	-25 to +80°C
Ambient Humidity	5 to 95 % RH (no condensation)
Storage Humidity	5 to 95 % RH (no condensation)
Enclosure	IP 20
Dimensions (W x H x D)	137 mm x 85 mm x 41 mm
Mounting	To be Mounted on Metal plate (Metal plate to be mounted on a standard back box)
Required Back boxes	1
Mounting screws	2 Countersunk screws M3x6 Philips head

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Wiring Example:



SAFETY INSTRUCTIONS

- Installation should only be performed by qualified professionals according to the laws and regulations.
- Do not connect the mains voltage nor any other external voltage to any point of the Mesbus connector; it would represent a risk for the entire system. The facility must have enough insulation between the mains (or auxiliary) voltage and the Mesbus or the wires of other accessories, in case of being installed.
- Keep the device away from water and do not cover it with clothes, paper or any other material while in use.



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