

MES-DICE-6DIO-I2C



Features:

- 6 Potential Free Inputs, of which 2 can also be used as I²C Interface.
- 6 Digital Transistor Outputs.
- Switch, Dimmer, Shutter, AC, Fan, TW, RGB, Scene operations
- Short press and long press functionality
- Total data saving on bus failure
- No additional power supply required
- Programming Button and LED

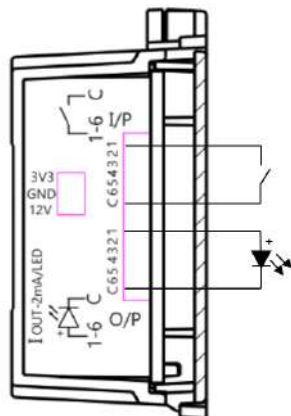
General Product Specification	
Type of Device	Electric control operation device
Voltage Typical	29VDC SELV
Power Consumption	290mW, 10mA @ 29VDC
Bus Connection	Typical BUS connector TP1, 0.8 ² mm
External Supply	No
Operating temperature	0 to 70 °C
Storage Temperature	-25 to +80°C
Ambient Humidity	5 to 95% RH (No Condensation)
Storage Humidity	5 to 95% RH (No Condensation)
Usage	Indoor, to be mounted inside the wall back box(length of connection cables: 100mm)
Dimension (W × H × D)	57.2mm × 44.4mm × 25mm
IP Class	IP 20
MES BUS Power Failure Response	Data Saving
Response when restarting MES BUS	Data recovery and other settings
Operation Indication	1 Programming LED indicates programming mode (Red)

Output Specifications	
No. of Outputs	6
Output Voltage	12VDC per output
Output Current	Max 2 mA per output
Maximum Cable Length	30 cm long, Can be extended to max 10m
Connection Type	7 wire connectors with cable

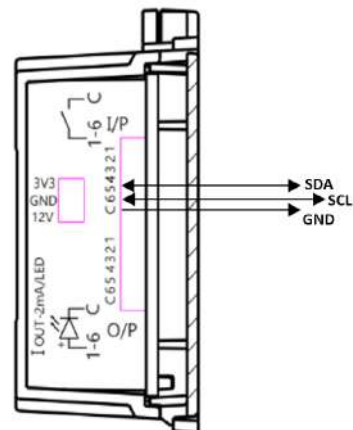
Input Specifications	
No. of Inputs	6
Contact Voltage	+ 3.3VDC per input
Contact Current	Max 1 mA per input
Maximum Cable Length	30 cm long, Can be extended to max 10m
Switching Type	Potential Free Contact
Connection Type	7 wire connectors with cable

Output Power Supply Specifications	
Output Power Supply 1	Operating Voltage: 3.3V
	Operating Current: 30mA
Output Power Supply 2	Operating Voltage: 12V
	Operating Current: 10mA
Maximum Cable Length	30 cm
Connection Type	3 wire connectors with cable

Wiring Diagram:



1. Individual Inputs and Outputs



2. I²C Interface



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.
- Once the device is installed (in the panel or box), it must not be accessible from outside.
- Keep the device away from water and do not cover it with clothes, paper, or any other material while in use.

