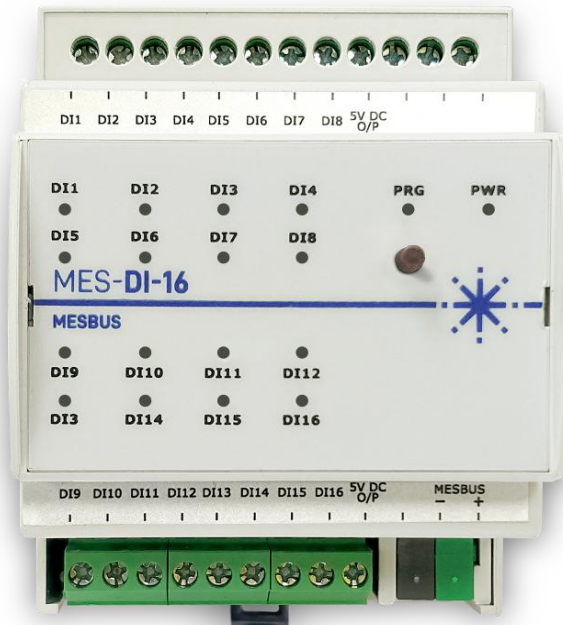


MES-DI-16



Features:

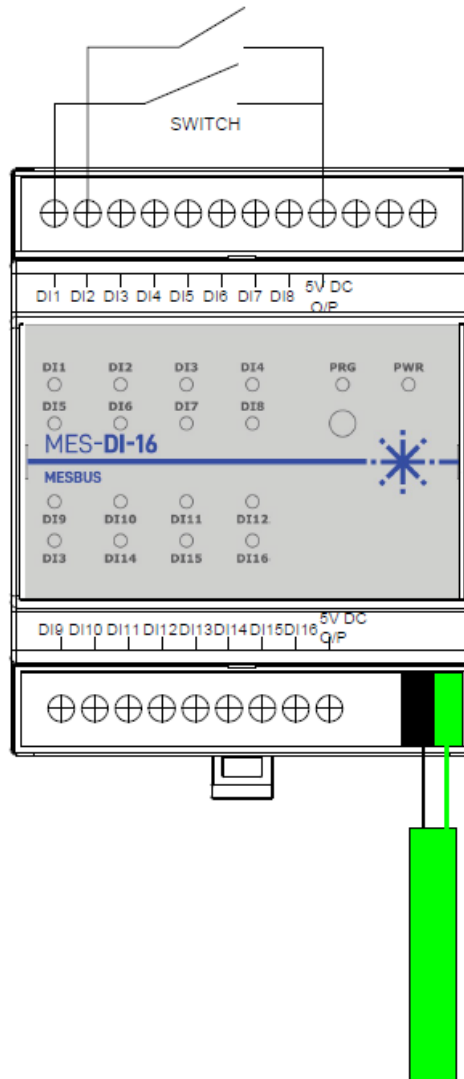
- 16 individual inputs (Non-isolated)
- LED indicator for individual input channels
- Suitable for Switching, Dimming, Shutter, Fan and Scene control
- Din rail mount assembly
- Total data saving on KNX bus failure
- Programming button with LED indicator
- Dimension : 71.3 (L) X 90.5 (H) X61 (D) mm [4 Din Units]
- CE Mark*

General Product Specifications

General Product Specifications			
Type of Device		Electric operation control device	
MESBUS Supply	Voltage (typical)		29VDC SELV
	Voltage Range		21-31 VDC
	Maximum Consumption	Voltage 29VDC (typical)	mA 25
	Bus Connection		mW 725
Bus Connection		Typical Bus Connector TP1, 0.8mm ² section	
External supply		Not required	
Operating Temperature		0 - 70 °C	
Storage Temperature		-25 to +75 °C	
Ambient Humidity		5 to 95% RH (No Condensation)	
Storage Humidity		5 to 95% RH (No Condensation)	
Usage		Indoor, to be mounted inside distribution boxes or electrical panels with DIN rail	
IP Class		IP 20	
Power Failure Response		Data saving	
Response when starting		Data recovery	
Operation Indication		1 Power LED indicates whether product is ON/OFF (Red) 1 Programming LED indicates programming mode (Red) 16Input status LED indicators reflect current input state (Green)	

Input Specifications	
No. of individual inputs	16
Inputs per common	8
Operation voltage	5VDC in the common
Operation current	2.5 mA @ 5VDC (per input)
Connection method	Screw Terminal Block
Cable cross-section	0.5 mm ² to 2 mm ²
Maximum cable length	30m
Cable Type	Stranded or Solid wire

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.
- 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.



Messung Systems Pvt. Ltd.

501 Lunkad Sky Vista, VimanNagar, Pune 411 014, India.

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