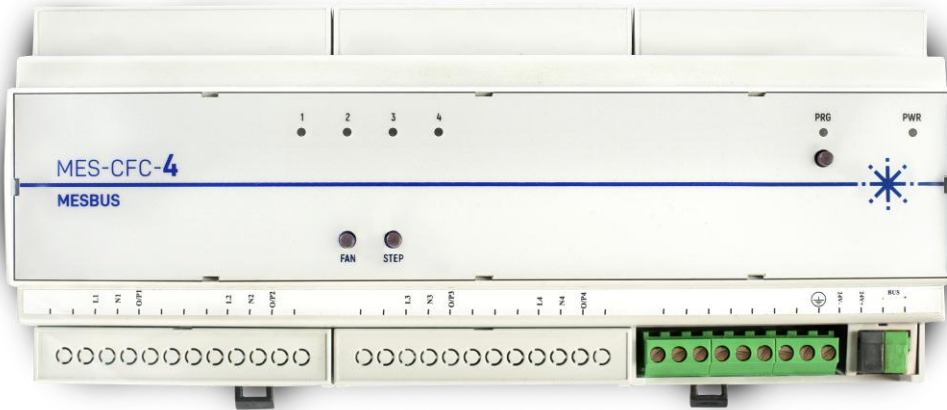


4 Channel Ceiling Fan Controller-Mesbus Technical Documentation

MES-CFC-4



Features:

- 4 Channel Ceiling Fan Controller
- Control up to 5 speeds for each channel
- Manual output operation with push button and LED indication
- 10 Scene Functionality
- Total data saving on bus failure
- DIN rail mount assembly
- Programming button
- CE Mark

General Product Specifications			
Type of Device		Electric Operation Control Device	
Mesbus Supply	Voltage (Typical)		29VDC SELV
	Voltage Range		21-31VDC
	Maximum Consumption	Voltage	mA
		29VDC (typical)	mW
Bus Connection		11	320
External Supply		Typical Bus Connector TP1, 0.8mm ² section	
Speed control for each channel		24VDC, 500mA	
Protection		Step 1 to 5 and OFF	
IP Level		Fuse Protection	
Isolation		IP20	
Operating Temperature		Yes	
Storage Temperature		0 – 70°C	
Ambient Humidity		-25°C to 75°C	
Dimension		5 to 95% RH (No Condensation)	
Manual Test Facility		213 (L) X 91 (H) X 62 (D) mm [12 DIN Units]	
Mesbus Programming Button and LED		2 Push Buttons: 1 – Select Fan No. 2 – Select Fan Speed	
Usage		Yes	
Power Failure Response		Indoor, to be mounted on Distribution boxes or electrical Panels with DIN Rail	
Response when Starting		Data Saving	
Operation indicators		Data Recovery and application of other settings	
		LED (Red) for DC Power ON, LEDs (Green) to indicate Fan Channel Selection, LED (Red) Programming LED	

Messung Systems Pvt. Ltd.

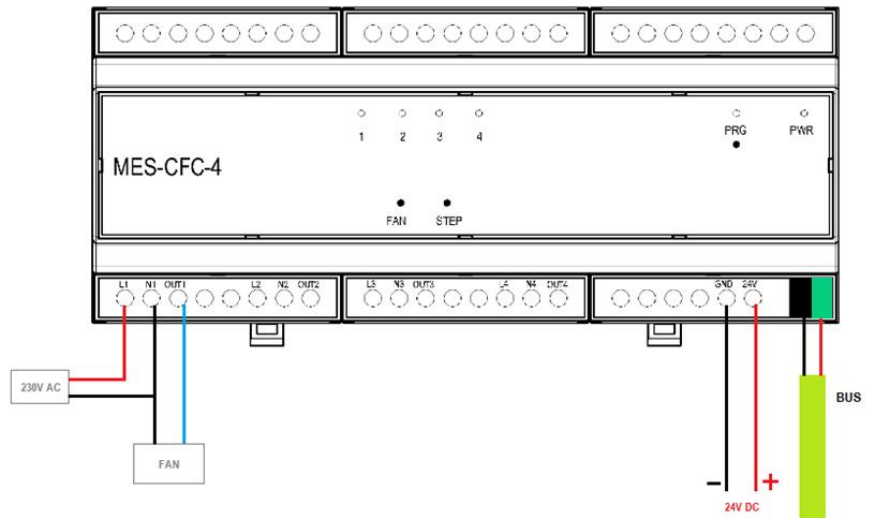
501 Lunkad Sky Vista, Viman Nagar, Pune 411 014, India.

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

Output Specifications and Connections	
No of Channels	4
Maximum Load per Channel (Recommended)	90W
Mains Input Voltage	230VAC (50 Hz) +10% -20%
Connection Type	Terminal Block (Screw)
Recommended Cable Section	2.5sqmm
Cable Type	Stranded or Solid Wire

WIRING DIAGRAM

Manual Push Button:
 FAN: Select Fan Channel to operate
 STEP: Select speed of Fan from 0 to 5
LED:
 Red: Power LED
 Green: Selected Fan channel 1 to 4



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.

