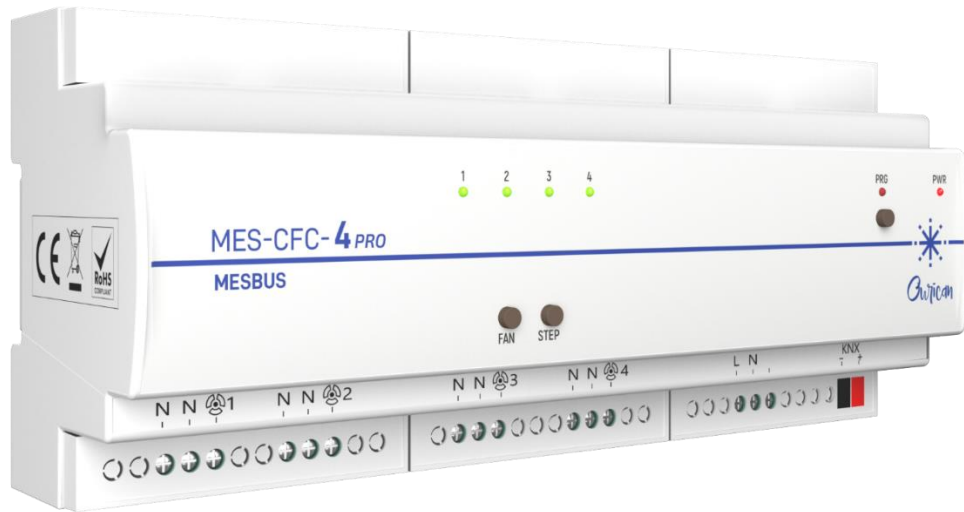


MES-CFC-4PRO



Features:

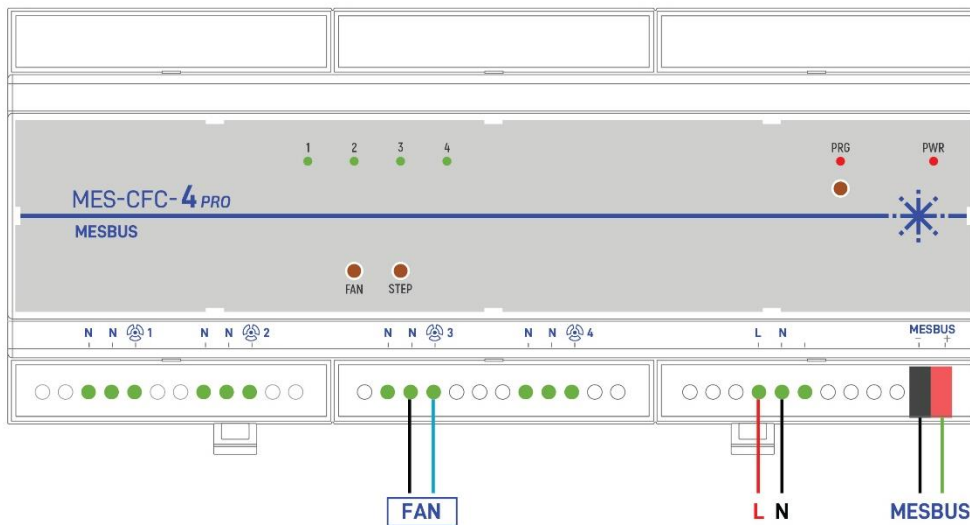
- 4 Channel Ceiling Fan Controller
- Control up to 5 speeds for each channel.
- Manual output operation with push button and LED indication.
- 10 Scene Functionality per channel
- No External Power supply
- Total data saving on bus failure
- Din rail mount assembly
- Programming button
- CE Mark

General Product Specifications

MESBUS Supply	Voltage (Typical)		29VDC SELV	
	Voltage Range		21-31VDC	
	Maximum Consumption	Voltage	mA	mW
		29VDC (typical)	15	435
Bus Connection		Typical Bus Connector TP1, 0.8mm ² section		
External Supply		No		
Speed control for each channel		Step 1 to 5 and OFF		
Protection		Fuse Protection		
Operating Temperature		0 – 70°C		
Storage Temperature		-25°C to 75°C		
Ambient Humidity		5 to 95% RH (No Condensation)		
Storage Humidity		5 to 95% RH (No Condensation)		
Manual Test Facility		2 Push Buttons: 1 – Select Fan No. 2 – Select Fan Speed		
MESBUS Programming Button and LED		Yes		
Usage		Indoor, to be mounted on Distribution boxes or electrical Panels with DIN Rail		
Power Failure Response		Data Saving		
Response when starting		Data Recovery as parameterized		
Operation indicators		1. 1 LED (Red) for DC Power ON, 2. 4 LEDs (Green) to indicate fan channel selection and speed indication 3. 1 LED (Red) Programming button		

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	1 to 2.5 mm ²
Cable Type	Stranded or Solid Wire

WIRING DIAGRAM



Manual Push Button:

1. FAN: Select Fan Channel to operate
2. STEP: Select speed of Fan from 0 to 5

LED:

1. Red: Power LED for power on detection
2. Red: Programming LED
3. Green: Fan Channel selection – LED will blink 3 times after channel selection using manual push button then it will show the speed state for that channel
4. Green: Fan speed indication – LEDs will be on for 5 seconds as per table below

Speed	LED 1	LED 2	LED 3	LED 4
0	OFF	OFF	OFF	OFF
1	ON	OFF	OFF	OFF
2	OFF	ON	OFF	OFF
3	OFF	OFF	ON	OFF
4	OFF	OFF	OFF	ON
5	ON	ON	ON	ON

Note: Do not connect BLDC Fans, Exhaust Fan, Pedestal Fan, Table Fans to MES-CFC-4Pro.

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/KNX 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/KNX 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.



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Ver. 2