

CFTD4



Fan Monitor for 4 fans- With Temp Monitor and Fan redundancy.

- Compact & Standard DIN Rail Mounting.
 - Individual Fans can be programmed.
 - Autosensing/Manual Sensing saves calibration time.
 - LED Indication for FAN OK,FAN FAIL, FUSE FAIL & FAN TRIP SET.
 - Potential free contact for Fan fault.
 - Potential free contact for Temp Fault.
 - 3-Wire RTD Interface.
 - Display for Temperature Display and programm
 - 4-20mA current output, 2 Wire(Internal Configurable)
 - Fan Fuse protection.
 - Fan Redundancy.
 - Universal Input Voltage design.(110 - 230VAC)
- Programmable AutoReset functionality.

TECHNICAL DATA

Ambient Operating Temperature	0 to +50 °C
Mounting Possibility	DIN 35/DIN 35-15 Rail
Housing Material	PC
Housing Colour	Grey
Rated Input voltage	100-240 VAC
Power Input	9 VA**
Rated Current/Channel	750 mA
Fuse Fail Indication	Yes
	0
	0 - 99
Fan Monitor Units	4
Fan Rating	230VAC/110VAC*
Fan Failure Alarm contact	Yes
Over Temperature Alarm contact	Yes
PT100 interface	Yes
4-20mA output	Yes - (corrospounding to 0-99 Degree C temp.)

CONNECTION SPECIFICATIONS

Type of Connection	Screw Connection
Min. Wire Size	0.5 mm ²
Max. Wire Size	2.5 mm ²
Min. Wire Size(AWG)	20 mm ²
Max. Wire Size(AWG)	14 mm ²
Screw Size	M3
Wire Stripping Length	7 mm

ORDERING INFORMATION

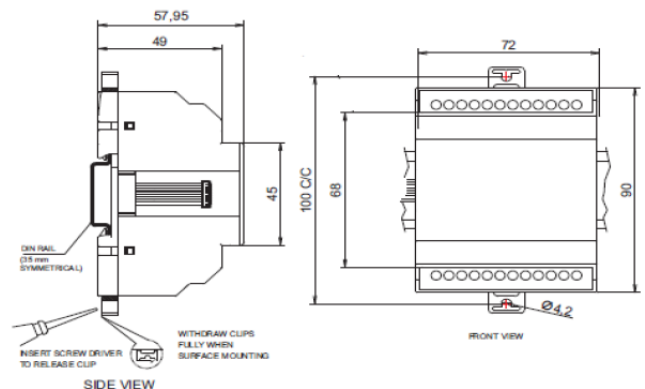
CAT. NO.	DESCRIPTION	NO. OF CHN.	DIM. DET.	STD. PACK
CFTD4	Fan Failure Module For 4 Fans with Temperature Monitor,	4	72 x 90 x 58 (W X H X D) mm	1

ACCESSORIES

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA701-1M	Din 35 Rail unslotted 1 meter	50
	CA701-2M	Din 35 Rail unslotted 2 meter	50
	CA701-2M-S	Din 35 Rail slotted 2 meter	50
	CA701-1M-S	Din 35 Rail slotted 1 meter	50
	CA701-15-1M	Din 35 Rail 15 deep unslotted 1 meter	50
	CA701-15-1M-S	Din 35 Rail 15 deep slotted 1 meter	50
	CA701-15-2M	Din 35 Rail 15 deep unslotted 2 meter	50
	CA701-15-2M-S	Din 35 Rail 15 deep slotted 2 meter	50
	SCS0.5/3	Electricians Screwdriver for slotted screws	10
	CA702	End Clamp in Polyamide 66 suitable for Din 32 / Din 35 / Din 35-15 Rails	50

PRODUCT DRAWING

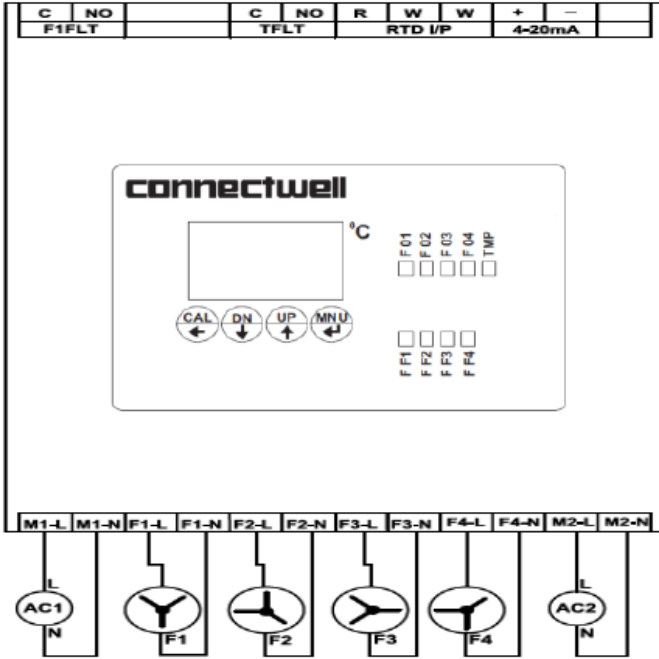
Dimensions



CFTD4



CIRCUIT DIAGRAM



NOTES

General technical Data

Nominal Input Power - 9VA
Degree of Protection - IP 20.
Input Freq - 50/60Hz
Refer Operating manual for Menu structure.
Pollution Degree - 2
Installation Category-II

Safety-

Withstand Voltage - I/P-O/P , I/P%O/P TO DIN - 2KV
Fan Protection - Fuse(Internal)

Standards -

Safety - IEC-61010-1
EMC - IEC-61326-1 ***, IEC-61000-4-2, IEC-61000-4-3 , IEC-61000-4-4, IEC-61000-4-5, IEC-61000-4-6, IEC-61000-4-8, IEC-61000-4-11, CISPR 11

Indications

Fan Ok - Green
Fan Fail - Red
Over Temp - Red
Fuse Fail - Red
Isolation Resistance - I/P -O/P: more than 1000Mohms

Weight-250gm

Notes-

* 230VAC Fans can be connected if the Input voltage is 230VAC and 110VAC fans can be connected if input voltage is 110VAC.

**Module current consumption - 0.1A, Rest is Fan current consumption.

RTD

1 mtr

PT100

Operating Temperature Range 0 TO 99 Degree C.

Fan Rating

Fan-1A	230VAC / 25-750mA, 110AC / 25-750mA***
Fan-1B	230VAC / 25-750mA, 110AC / 25-750mA***
Fan-2A	230VAC / 25-750mA, 110AC / 25-750mA***
Fan-2B	230VAC / 25-750mA, 110AC / 25-750mA***

Rated Current 5A/250VAC 3A/30VDC

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