

CFTD2



Fan and Temperature Monitoring Unit with 2 Fan Channels and RTD Temperature Sensor.

- Compact and standard DIN 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/Temp Failure
- Display for Temperature Display and program
- 3-Wire RTD Interface
- 2 Wire 4-20mA current output
- Programmable Temperature range for 4-20mA transmitter
- Programmable Auto Reset functionality
- Universal Input Voltage design (110/230VAC)
- Fan Redundancy
- Shuffling of fan in Redundancy to avoid choking of non-operational fan for longer time
- Fan Enable and Disable function
- Input Fuse protection

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	25 A
Fuse Fail Indication	Yes
	0 - 99
Fan Monitor Units	2
No. of Fans can be connected	2
Fan Rating	230VAC/110VAC*
Fan Failure Alarm contact	Yes
Over Temperature Alarm contact	Yes
PT100 interface	Yes
4-20mA output	Yes - (Programmable to 0-99 Degree C temp range)

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
CFTD2	Fan Failure Module For 2 Fans with Temperature Monitor,	2	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

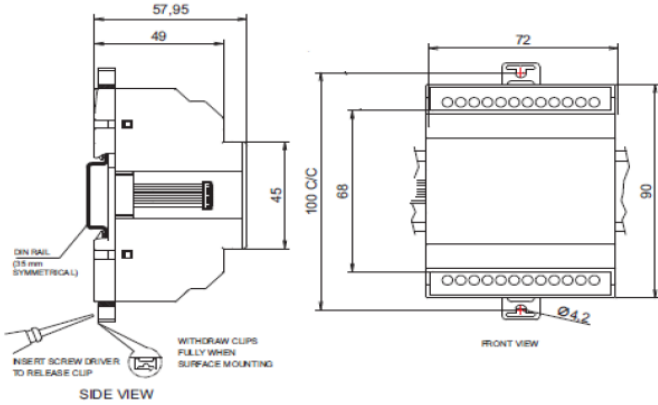
CFTD2



PRODUCT DRAWING

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

Dimensions

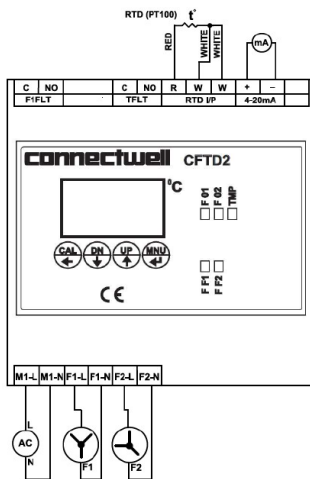


NOTES

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- IEC-61010-1
- 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-220gm
- 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 consuption - 0.1A, Rest is Fan current consuption.

CIRCUIT DIAGRAM



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