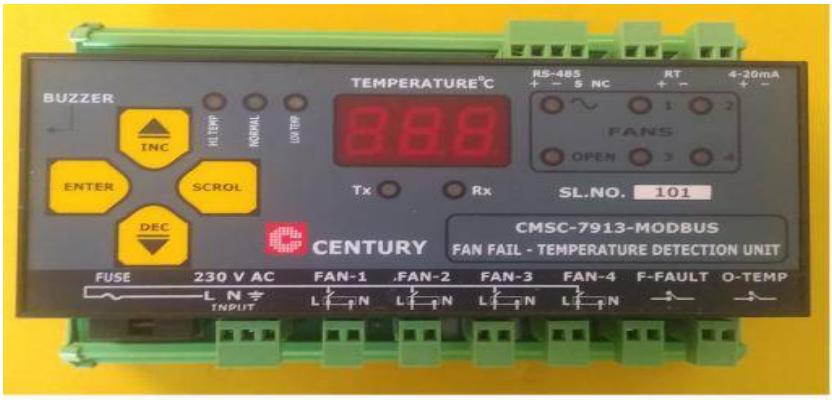

Fan Failure and Temperature Detection Unit (FFTDU)

Model No: CMSC-7913

Features :

- Measures ambient temperature.
- 3 Seven Segment displays to indicate ambient temperature.
- Six LEDs :
  - Four LEDs to indicate status of individual fans.
  - One LED to indicate FAN OPEN common to all fans.
- Six Relays :
  - Four Relays to control fans.
  - One Relay to indicate OPEN condition.
  - One Relay to indicate Over Temperature condition.
- Four keys to program Temperature set value & other functional parameters.
- Isolated 4-20 mA signal (optional).
- Isolated RS485 TO READ/WRITE (optional)
- Buzzer to annunciate over temperature.
- Works between 88V AC to 257V AC.
- Mounted on standard DIN RAIL profile.
- Assured galvanic isolation for the user interface keypad even when Phase and Neutral are interchanged.
- Weighs less than 1Kg.
- Measures 45mm X 78mm X 180 mm (excluding DIN rail mount).

Advanced Features:

- Programmable FAN voltage of 230V / 110V.
- Programmable NO/NC relay operation (Fault Relays).
- Evaluates the fan RUN conditions under varying supply voltages.
- Puts OFF the relays in case 230V is applied inadvertently to protect 110V motors

CENTURY METERING SYSTEMS & CONTROLS
 # 34 1B, 1st Floor, 4th Main, 3rd Cross,
Peenya Industrial Area,
Bangalore - 560 058,
Ph: 080-28371315, 16

E-Mail: century.metering@gmail.com Website: www. centurymetering.com

FANFAILTEMPERATUREDETECTIONUNIT

CMSC-7913

SPECIFICATIONS

OPERATING VOLTAGE	:	88 V to 257 V.
OPERATING TEMPERATURE RANGE	:	0 to 85 deg C
TEMPERATURE MEASUREMENT		

	CMSC – 7913-S , CMSC – 7913/4-20mA	CMSC – 7913/MODBUS
RANGE	0 to 70 deg C	0 to 85 deg C
ACCURACY	+/- 2 deg C	+/- 1 deg C

4 – 20 mA OUTPUT

RANGE	:	4 to 20 Ma0 to 70 C
ACCURACY	:	+/- 0.5 %
Maximum Load Resistance	:	500 Ohms

Ordering Information:

Model No.	Description
CMSC 7913-S/4-20mA	With Semiconductor Temp. Measurement & 4-20mA O/P
CMSC 7913-S	With Semiconductor Temp. Measurement & Without 4-20mA O/P
CMSC 7913-S-MODBUS	With SEMICONDUCTOR Temp/MODBUS

FANFAILTEMPERATUREDETECTIONUNIT

CMSC-7913

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