

# TRIP SAFE

*Innovating since 1977*

**Model: TS600A1**

Safety is a prime concern for lifting equipment like lifts, EOT-crane, mobile cranes etc. Loads are often lifted without determining the actual weight. This results in overload of the lifting equipment which can cause it to come under strain, damaging the equipment. The 'Trip-Safe' is a compact overload protection device which uses a loadcell as the sensor and provides trip signals in case of overload. The combination of the 'Trip-Safe' along with the RT Loadcell makes it low cost and very reliable.



**Key Features:**

- Will give a positive signal only if the 'Trip Safe' is powered on and the loadcell (sensor) is connected
- DIN Rail mounted - Easy Installation
- LED bar graph indicator - for status setting
- Wide voltage input - can be universally used
- Rugged and reliable design
- Can be used with any sensor having mV output like pressure, angle etc.

## GENERAL SPECIFICATIONS



### Din Rail Mounted Trip Safe Model: TS600A1

Type	Din-rail mounted
Operating temperature	5 °C to 55 °C
Power supply	110-230VAC +10%; 50Hz
Housing Protection	IP-20
Casing dimension	70mm X 109mm X 75mm.
Signal input	Loadcell mV output.
Indication	10 level bar graph display Indication of low & high set limit
Adjustments provided	TARE, SPAN
Excitation	+5V DC
Set range	Full-scale from 0-100
Trip output	NC-NO relay contacts (Rating- 230V, 10A AC) Relay is energized when the measured level is below the higher set limit and is de-energized when the measured level goes above the higher set limit or when any of the faulty conditions occur. Status of relay is indicated by the bi-colour LED.

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