

## Description

The SAFELOAD electronic controller is designed to convert analog electrical stress from Load Cell into a digital weight value. The indicator, with 2 relay outputs is useful to avoid accidents and breakdowns due to overloads in EOT Cranes, winches & hoists among many other applications.

The controller can be connected to a larger display for remote viewing and optional storage of load value.

## Technical Characteristics

- Input Supply : 90 - 230VAC, 50Hz.
- Programmable overload protection with 2 relays
- Optional Input supplies available on demand.
- 4 buttons for programming: DEC, INC, SET, SHIFT
- 5 Digit, LED 7 Segment display. 15mm digit height.
- 4 Status Indicator LEDs (Power, Hold, & 2 Relays)
- Sensor Input in mV.
- Communication with a Larger display with 2 Core Cable via RS-485
- In-built Data Saving Feature
- Weight value Hold Functionality
- Easy Calibration
- Installation on DIN rail
- Measurements: LxWxH: 110mmx85mmx72.25mm
- Working temperature -10°C to +60°C
- High Accuracy, with 32bit ADC

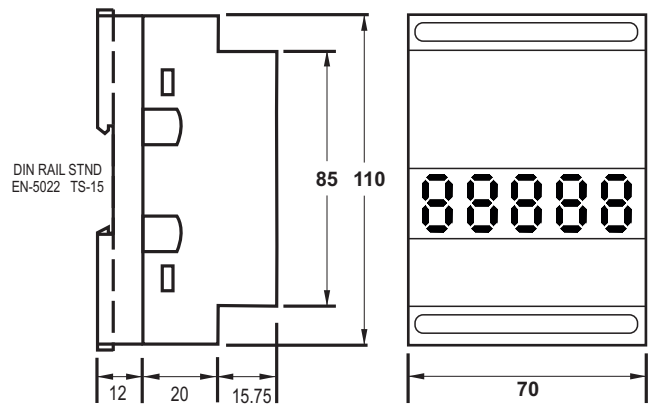
## Optional Additions

- Large Digital Display connection : 4 Inch, 8 Inch, 12 Inch Size
- Wireless Remote control & remote display interfacing.
- Summation Device for Multiple Load Cell Connections.
- Analog Output : 0-10V / 4-20mA
- Data Logger for weight storage.

## Safeload Controller



## Dimension:



## Compatible with all Load Cells



## Speed-O-Controls Pvt. Ltd.

H. O. Unit - I : C-15/16, Nand Jyot Industrial Estate, Andheri-Kurla Road, Mumbai - 400072,  
Tel : (022) 42469700-30  
Fax : (022) 42469797  
E-mail : sales@socgroup.in

Unit - II: Plot No. 4912, G. I. D. C., Phase IV, Vatva, Ahmedabad - 382445  
Tel.: (079) 40083201/2/3/4,  
Fax : (079) 25841056,  
E-mail : sales.amd@socgroup.in

Visit us at :  
[www.speedocontrols.com](http://www.speedocontrols.com)  
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