

ACCESSORIES

electronic overload guard

LC 300

Redundant system with two independent inputs for load cells, according to category 3 standard EN 13849-1:2008, PL d (corresponding to SIL 2 IEC 62061).

Load limiter with double security

Alarm for loadcell malfunctioning or power failure

Supply from 10 to 30 Vdc

4-digit red led service display

Mounting on DIN rail

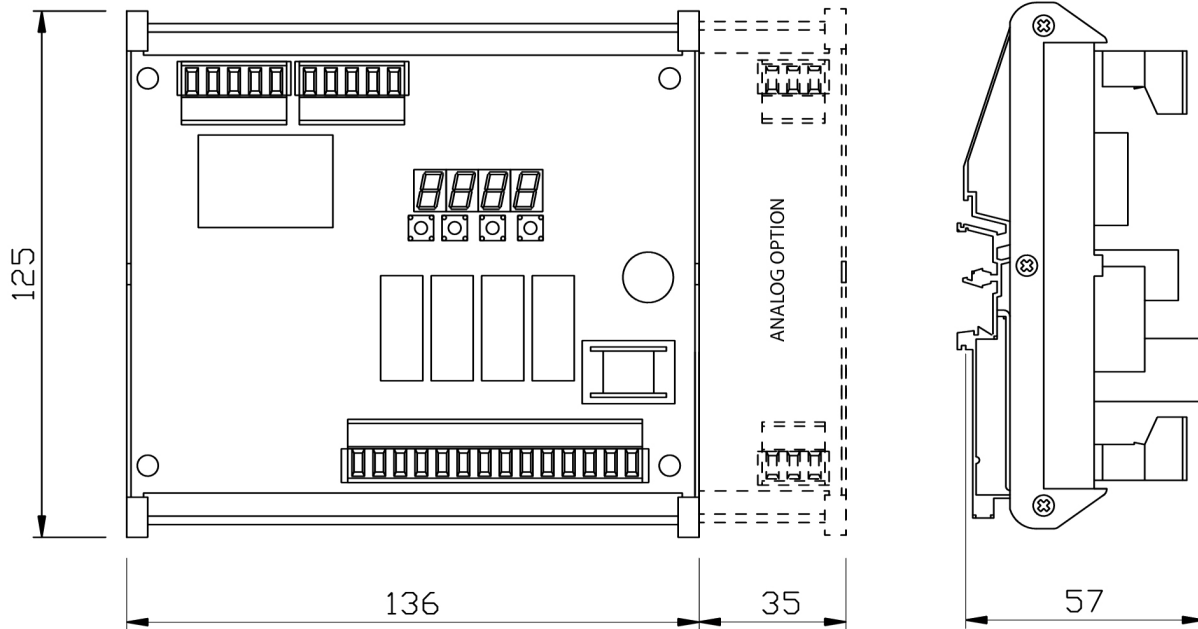
Operating temperature from -10° to +50°C

Removable screw terminal blocks 5.08

TECHNICAL CHARACTERISTICS LC 300

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|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Power supply: | 10÷30 Vdc |
| Max consumption: | 6 W |
| Insulation: | class III |
| Display: | numeric; 4-digit, 7-segment red led (h 7 mm) |
| Filter: | Selectable 0.25 Hz - 3 Hz |
| Measuring range: | from -3.9 to +3.9 mV/V |
| Input sensitivity: | 0,2 microV |
| Linearity: | <0.01% of full scale |
| Thermal drift: | <0.002% of full scale/°C |
| Internal resolution: | 24 bits |
| Operating temperature: | -10 / +50°C (humidity max 85% non-condensing) |
| Storage temperature: | -20/+60 °C |
| Keyboard: | 4 mechanical keys |
| Calibration of zero and full scale: | executable from keyboard |
| Material: | Polyamide 6.6 UL 94V-0 self extinguishing |
| Connections: | removable screw terminal blocks 5.08 |
| Load cells Input: | max 4 350 Ohm for both measuring channels |
| Interruption control load cell cable: | indication on the display and via relay |
| Logic outputs alarm: | 4 relay outputs |
| 2 ANALOGUE OUTPUTS: | 4÷20 mA (1 per channel) |
| Resolution: | 16 bit |
| Calibration: | digital from the keyboard |
| Impedance: | max 300 Ohms |
| Linearity: | 0.03% of full scale |
| Thermal drift: | 0.002% of full scale/°C |
| Dim: | 136 x 125 x 65 mm (L x H x P); 171 x 125 x 65 mm (L x H x P) Analog |
| CE Conformity: | EN 61000-6-2, EN 61000-6-3 EMC to EN 61010-1 for electrical safety, EN 13849-1 parts of control systems related to safety |





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