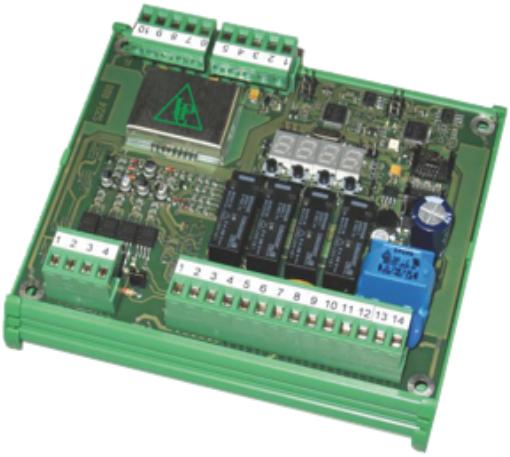
General information

PWS17420260216

The load limiter LC 300 is an electronic instrument, compact, reliable, complete with display, certified and compliant with the SIL safety regulations, which allows to avoid damages or breakages with very dangerous consequences for the operators' safety. This is a double safety load limiter. The LC 300 product has two inputs for independent load cells, a 4-digit red LED service display and removable terminal blocks.



Technical Manual (isolated version): lc-300-isolated_technical_manual_en.pdf

Technical Manual: lc-300_technical_manual_en.pdf

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Industrial Electronic Weighing Systems since 1963

Technical specifications

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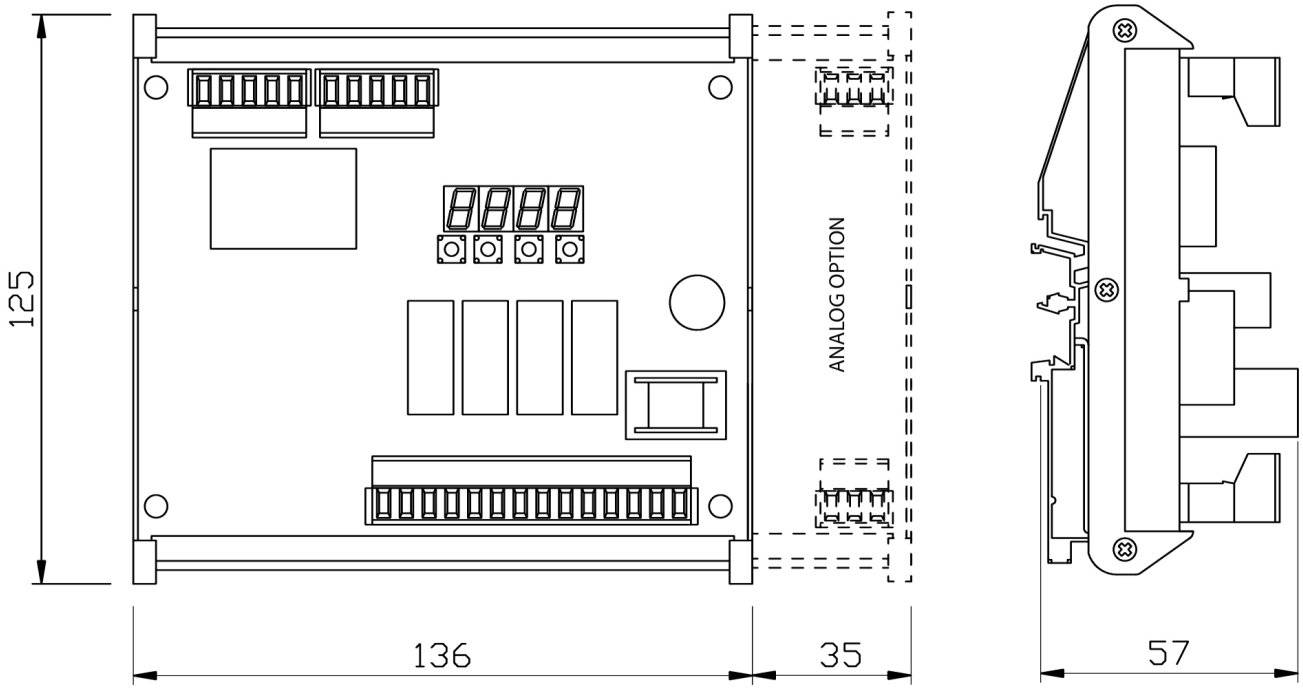
Measuring range:	-3,9 ÷ +3,9 mV/V
Input sensitivity:	0.02 µV/count
Full scale non-Linearity:	<0.01 % full scale
Gain drift:	<0.002 % of full scale/°C
Display:	numeric; 4-digit, 7-segment red led (h 7 mm)
Internal Resolution:	24 bits
Material:	Polyamide 6.6 UL 94V-0 self extinguishing
Visible resolution (in divisions):	100.000
Temperature range:	-10 ÷ +50 °C (max umidity 85% without condensation)
Storage temperature:	-20 ÷ +60 °C
Filter:	0.25 ÷ 3 Hz
Logic output:	4 (24 Vcc/ca contact NA, 2A)
Analog optional output:	2 outputs 4 ÷ 20 mA (1 per channel)
Analog output Non-Linearity:	0.03 % full scale
Temperature drift analog output:	<0.002 % of full scale/°C
Power supply:	10 ÷ 30 Vdc
Regulatory compliance:	EN 61000-6-2, EN 61000-6-3 EMC, EN 61010-1, EN 13849-1
Resolution:	16 bit
Dimensions:	136 x 125 x 65 mm (L x H x P); Analog: 171 x 125 x 65 mm (L x H x P)
Isolation:	class III
Impedance:	max 300 Ohm
Load cells input:	max 4 load cells of 350 Ohm
Zero and full scale:	Executable from keyboard
Power consumption:	6 W



All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

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