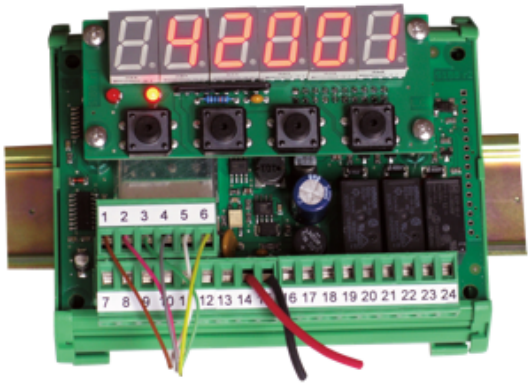
General information

PWS16820261127

The LC 200 load limiter is an electronic, compact, reliable instrument, complete with display and 4 mechanical keys. It is certified and compliant with the SIL safety regulation, which allows you to avoid damage or breakage with very dangerous consequences for the operators' safety. The load limiter can control the weight through alarm and pre-alarm for failure or power failure for one or more cells thanks to the multiple connection.



User Manual: lc-200_en.pdf

Installation Manual: lc-200_installation_en.pdf

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

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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:	<0.001 % full scale/°C
Display:	6 digit numeric, red LED 7-segment (h 14 mm)
Internal Resolution:	24 bits
Material:	Polyamide 6.6 UL 94V-0 flame retardant
Decimal figures range:	0 ÷ 3
Temperature range:	-10°C ÷ +50°C (max umidity 85% without condensation)
Storage temperature:	-20 ÷ +60 °C
Filter:	0,1 ÷ 80 Hz
Logic output:	2 outputs (24 Vdc / Vac a contact) 0,5 A
Logic inputs:	1 opto-isolated dry contact
Serial port:	RS232 or RS485
Analog optional output:	Voltage: 0 ÷ 10 V/ 0 ÷ 5 V; Current: 0 ÷ 20 mA/ 4 ÷ 20 mA
Power supply:	12 ÷ 24 Vdc / Vca ±15%
Regulatory compliance:	EN 61000-6-2, EN 61000-6-3 for EMC, EN 61000-1 for electrical safety
Dimensions:	113 x 93 x 65 mm (L x P x H)
Baud rate:	up to 115 kb/s (default 9600 b/s)
Isolation:	Class III
Cable Lenght:	15m (RS232), 1000m (RS485)
Load cells input:	Max 4 load cells of 350 Ohm
Zero and full scale:	Executable from the keyboard
Power consumption:	5 VA

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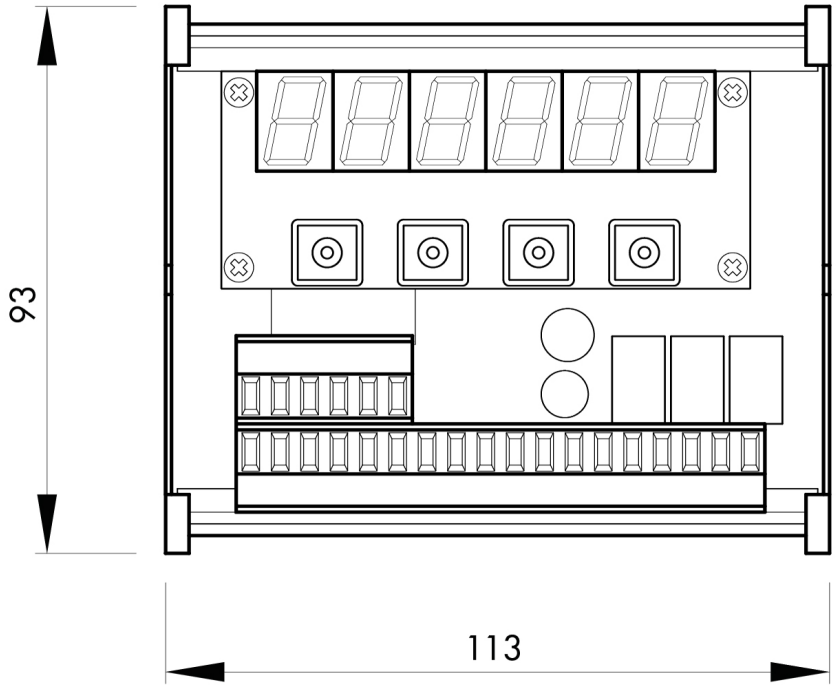

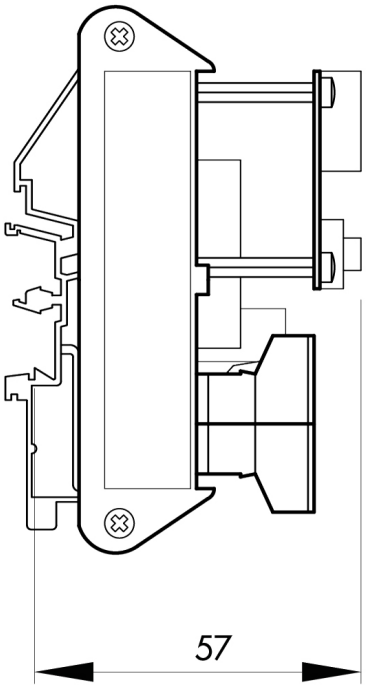

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