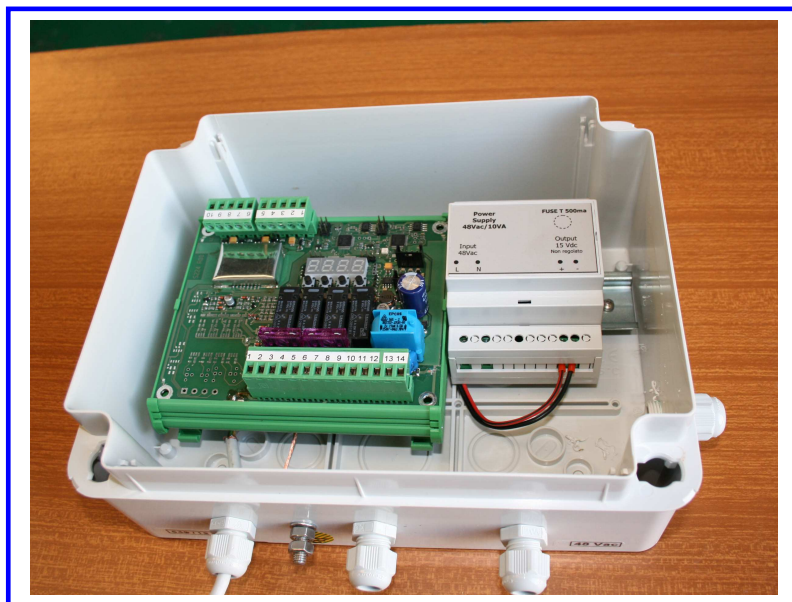


CAM 99

Limiter unit for lifting plants Certified Performance Level PL d according to the ISO EN 13849-1, and Safety Integrity Level SIL2 according the EN 62061.



CAM99 unit installed in electric board with its voltage supply unit.

CAM99 unit is designed to be connected to load cells with double independent sensor device for Certified SIL2 plants.

CAM99 has nr.2 alarm thresholds independent and fully settable, each alarm is controlled by nr.2 independent control system with nr.2 switches each one.

By the inside keyboard and display it's possible to set the thresholds, to calibrate the system and to set the main parameter of working.

La CAM99 has nr.2 serial ports Rs232 e nr.2 CAN ports to remote the weight measurement; several optional devices are available for this product.

Nr.2 units can be linked together to control and manage the sum of the weight in double lifting systems.

In the operational condition the local display has shows the weight and visualize possible alarm conditions.

CAM99 is supplied on a support for mounting on standard DIN guide or else supplied in IP56 electric board with external voltage supply.

CAMI S.R.L.

MEASUREMENT INSTRUMENTS

Via Alessandrini, 2 - 20090 TREZZANO S/N (MI)

Tel. 02 4840 0166 - Fax 02 4840 1905

www.cami-it.com - e-mail info@cam-i.com

Technical features

Working temperature: $-10 \div 40^{\circ}\text{C}$

Voltage supply: $10 \div 30\text{ V dc}$

External voltage supply unit: input voltage 48V – 110V - 220V ac.

Consumption max: 6 W

Load cell connections 4 wires with double independent Wheatstone bridge

Load cell voltage supply: 5Vdc / 80mA

Dimensions support for DIN guide mounting : 150x107x55 mm

External dimensions IP56 electric board: 240x190x90 mm

Connection on board: extractable screwed terminal boards.

Local display: 4 digit Red LED (height 7 mm)

Programming keyboard: nr. 4 mechanical keys

Internal resolution: 16 bit

Linearity: 0.01% of full scale

Reading frequency: $0.1 \div 5\text{ Hz}$ (settable)

Digital filter: selectable

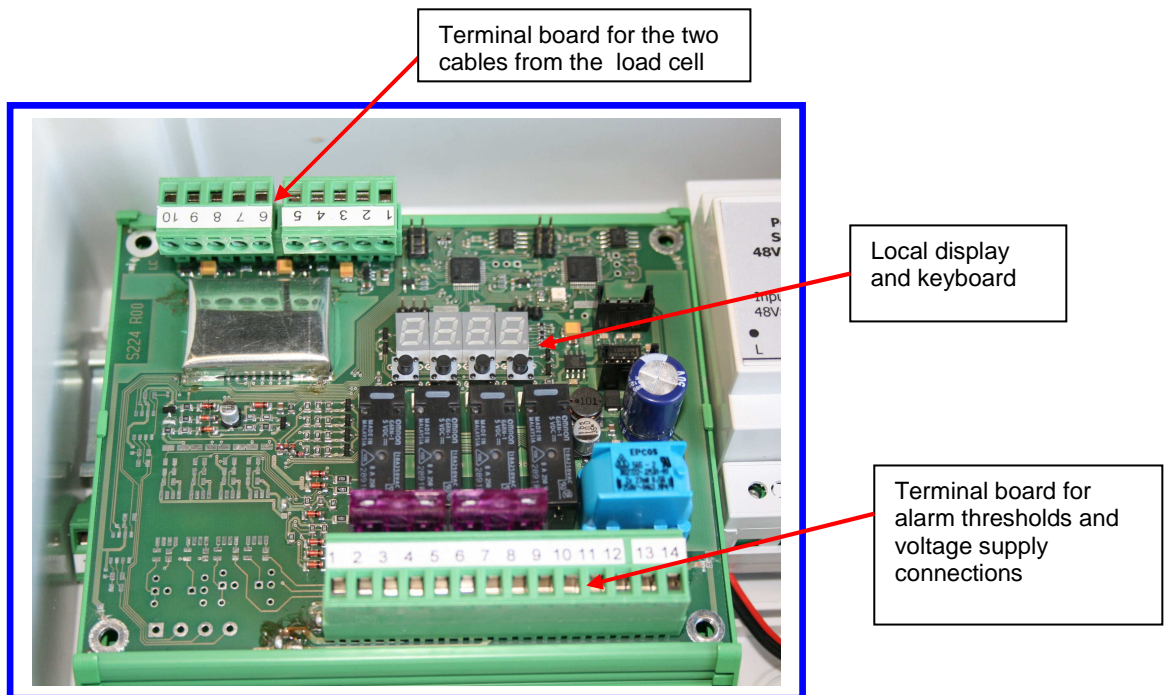
Zero tare and calibration: operating by local keyboard

Logic output: nr. 4 a relays (24 V cc/ac with three ways contacts)

Logic input: nr. 1 for remote zero tare

Control cable device (the system verify damages on load cell cable connection)

Codes and standard: EN61000-6-2; EN61000-6-3; per EMC ; EN61010-1



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