Vision ZERO accidents in the industry

Keeping people and equipment safe since 1951

ANALOGUE READOUT LOAD LIMITER

The Gigasense ARLL Analogue Readout Load Limiter stands as a testament to precision and control in load management. Engineered for ease of use, it features two easily changeable load limits and LEDs that promptly alert you to any potential overload. With an analogue display, this system empowers you with heightened control over the load, ensuring efficient operations.

Quality | Maintenance free | Robust | Plug & Play

ANALOGUE READOUT LOAD LIMITER

Range of application

The ARLL is combined with the Gigasense dynamometer, potentiometer version, and forms a comprehensive overload protection system. This high-quality, robust, and maintenance-free system finds its niche in heavy-duty bulk transportation, particularly in the challenging environments of open mining sites.

Function

The ARLL's distinctiveness lies in its user-friendly load limit adjustments and the clear indication of overload through LEDs. The output features two relay contacts with easily adjustable switching points for Limit 1 and Limit 2, ensuring adaptability to your specific requirements. These potential-free relays connect to a terminal block for external control, alarm, or breaking circuits.

In addition to relay contacts, the ARLL offers a voltage output range of 0 – 10 V, providing real-time load reflection. As an option, a current output of 4-20 mA is available, allowing direct connection to large-format digital displays.

Safety

The ARLL features an analoge readout display with a 240° ring scale, offering a quick and easy check of pre-set limits and signaling through warning lamps. Housed in a robust polycarbonate box, the front panel is protected by a transparent IP65 door that can be locked, ensuring durability in challenging working environments.

Technical data

Power supply
24 V DC, max 1A

Dimensions
235 x 185 x 120 mm
9.25 x 7.28 x 4.72 inch

Display
Turn coil instrument 240° ring scale
96 x 96mm (3.77 x 3.77 inch)

Weight
3 kg
6.6 lb

Temperature range
0 to +70°C
32 to 158°F

Protection class
IP 65

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GIGASENSE

Gigasense products within Force Measurement and Crane Safety are well known high quality products, built from many years' experience and used by leading heavy duty industry around the world.

Gigasense products meet the highest demands of performance level requirements.

Gigasense are represented by selected local distributors in more than 30 countries on six continents.

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