

# INDI Load

## MARK E

### "LOW COST" LOAD LIMITER

the advantages of an electronic limiter at the price of an electro-mechanical one



The Mark E is a simple electronic load limiter with a single setpoint, to be mounted on a DIN rail. As opposed to the classic electronic limiter that usually works with load cells generating a mV output, the Mark E input is a 4-20 mA signal. Amplification occurs in the load cell. The advantage is that the distance between the load cell and the limiter is no longer restricted and can easily stretch to 100 meters.

The Mark E enables adjustment to be carried out at a safe place (and not at the fixed point as in case of an electromechanical limiter) and this also with calibration weights below 110 % of the nominal load.

Further advantages over the electromechanical limiter are the hysteresis function, the inbuilt time delay and the input signal filter. The latter two ensure that the Mark E does not interpret dynamic effects as overloads.

Very easy to install and adjust.

The ideal product for applications where a load limiter is needed without any options.

# Kibele

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# SPECIFICATIONS

<b>ELECTRICAL</b>	<b>LED indicator</b>	yellow LED : power ON green LED : overload setpoint
	<b>Load cell</b>	4...20 mA output
	<b>Hysteresis</b>	5 % of the maximum load
	<b>Relay</b>	1 change-over contact contact load : 250 VAC/5 A
	<b>Response time</b>	1 second
	<b>Self-monitoring</b>	in case of power supply failure, short-circuit or cable-break, automatic switch over to safety condition
	<b>Power supply</b>	either : 48/230 VAC (+/- 15%) – model MARK E 48 or : 110/230 VAC (+/- 15%) – model MARK E 110
<b>MECHANICAL</b>	<b>Housing</b>	plastic housing for mounting on DIN rail dimensions : 93,5 x 96 x 67,5 mm
<b>ENVIRONMENTAL</b>	<b>Temperature</b>	operating temperature : - 15 °C to + 60 °C storage temperature : - 40 °C to + 85 °C



## **E.I.A. Electronics nv - DEPT. INDIC**

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