

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

Otomasyon, Danışmanlık Ltd. Şti.

STFA Blokları

B4 Blok Daire 68

34742 Kozyatağı / İSTANBUL

Tel . +9 0216 384 3164

Fax . +9 0216 380 0271

e-mail . kibele@doruk.net.tr

SPECIFICATIONS

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



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

VLUCHTENBURGSTRAAT 3, B-2630 AARTSELAAR

TEL.: +32 3 870 82 85 FAX: +32 3 887 30 61 www.eia.be email: indic@eia.be