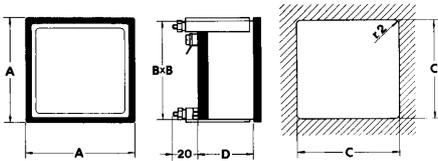


MANUAL

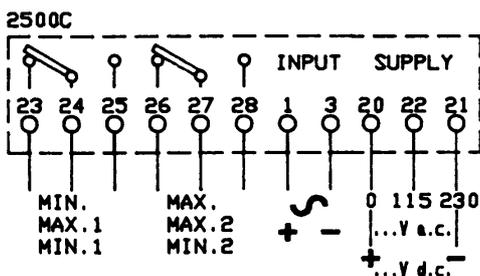
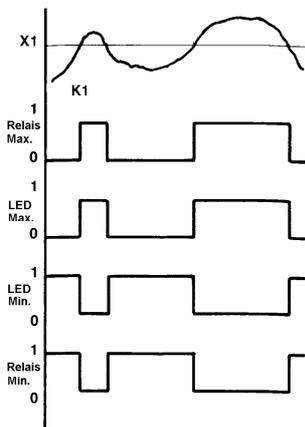
for DIN switchboard contact instruments



Dimensions and weight

	96M..	144M..
A/mm	96	144
B/mm	91	137
C/mm	92	138
D/mm	46	120
ca. kg	0,700	0,900

Operating diagram



TECHNICAL DATA

Square DIN switchboard instruments with moving coil, according to DIN 43 780

accuracy (class)	±1,5%
self-consumption	5VA
alarm indication by	LED
alarm set-point indication by	LED
delay	0,1 - 15s (±1s)
max. relay switch capacity	5A / 230V
continuously overload	2In - 1,2Un
instantaneous overload	10In - 2Un
test voltage	2kV/50Hz (1')
operating temperature	-10 to 50°C
storage temperature	-30 to 70°C
connection by	pin connector 6,3x0,8mm
manufactured according to	DIN, VDE, IEC, CEI
power supply	115+230V ±10% 50Hz

General information

This type of contact meter is recommended whenever measure and alarm set points have to be read on the same dial.

It is an analogue indicator with a 30-led scale running along the normal 90° pointer scale; one or two lighting led stay for set-points indication of one or two alarms.

Alarm set point

The setting of alarm points is obtained by acting on the pivot screws situated at the front of the meter and piloting a light on the LED scale for indicating the alarm point. When the measuring pointer shall overpass or underpass the high or low alarm points the relevant contact shall switch and a lighting signal shall indicate at the front of the meter. The two set points minimum approaching is 1% of the scale layout. All kind of alarms can operate on the whole scale lengths without any problems of interconnection and without influencing the measurements.

Contact delay

The contact moment can be delayed with two trimmers aside the meter housing in order to avoid accidental or peak events between the predetermined delay time (from 0.1 to 15 sec.).

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