

maximum demand ammeter
bimetal- system



MB48 | MB72 | MB96

48x48 | 72x72 | 96x96
DIN 43700
bimetal system
with additional red pointer
class 3,0

This type of instrument is used to check long over loading transformers, cable and substations. They also make it possible to check economically distribution networks in the place of very costly recorders.

display

pointer	Black according to DIN 43802 – pointer reflection: 90°
additional indicator	colour: red - resettable
unit	A (kA)
accuracy (relative to full scale)	bimetal system: class 3
color of scale	scale background: white – numbers black
graduation	coarse fine
changeable scale plates	yes

input

range	Connection on current transformers .../5A or .../1A 8 Min. or 15 Min.
overload	Bimetal: 20% of In
burden	Bimetal: 2,5VA
frequency	40....60Hz

standards

standards	CENELEC HD 233, CEI 85-3, IEC51, VDE0410, BS89, C42-100
safety standards	CENELEC HD 215, CEI13-10, IEC414, DIN57410, BS5458
safety CE EN 61010-1:2001-11	CAT III – 600V AC

Working conditions

reference temperature	20°C +/- 1°C
operating temperature	20°C +/- 10°C (-10...+55°C with a acceptable error class)
effect of temperature	+/- 0,05% / °C
storage of temperature	-40....+70°C

housing

front frame	48x48 72x72 96x96
fixing	panel mounting
housing depth	53mm (with terminal cover 63mm)
connection	brass screws
housing material	Thermoplastic to UL-94, V-O classification
protection	IP52 (front) IP00 (connector) IP20 (with cover)
weight	ca. 0,12...0,35 kg

