

analogue measuring instruments
frequencymeter


48x48 | 72x72 | 96x96
DIN 43700
movingcoil instrument
class 1.5

MF48 | MF72 | MF96

display

Pointer	black conform to DIN 43802 – scale plate division 90°
Unit	Hz
Accuracy class referred to the full-scale value	1,5
Scale color	scale plate: white – division and numbers: black
Scale division	rough - Fine
Changeable scale plates	no

input

connection	direct
range for 48x48 72x72 96x96	47...53Hz, 45...55Hz or 45..65Hz
voltage U_n	110V, 230V, 400V (other on request)
burden	1,5VA
frequency	45...65Hz

standards

technical characteristics	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 – 300V AC

environmental conditions

reference temperature	20°C +/- 1°C
operating temperature	20°C +/- 10°C (-10...+55°C without damage in continuous service)
effect temperature	+/- 0,05% / °C
storage temperature	-40....+70°C

housing

front frame	48x48 72x72 96x96 144x144
mounting	panel
depth of housing	53mm (with terminal cover 63mm)
connection	screws
housing	Themoplastic according to UL-94, V-O classification
protection	IP52 (inside of instrument) IP00 (terminals) IP20 (with terminal cover)
weight	0,12 ...0,35kg

