

Basic Series • Square Panel Meters

For Alternating Current



MQB 72

Description

Analog Panel Meter with Bimetal Movement

Display

Scale Division Coarse-fine

Pointer Beam pointer with knife-edge
Red slave pointer for display of maximum value
Reset button for slave pointer can be locked

Mechanical Design

Housing Material Polycarbonate, self extinguishing and drip-proof per UL94V-0

Mounting Fasteners Screw Clamp

Scale Interchangeable Scales
⇒ Scales may only be replaced under voltage-free conditions!

Replaceable Front frames and glass windows
⇒ May only be replaced under voltage-free conditions!

Terminals M4 screw terminals with self-lifting terminal clips.
Screws can be turned with cross-head or standard screw drivers.

Contact Protection Finger-safe terminal cover included

Bimetal-movement, 90° scale white, imprint black
Narrow front frame matt black per DIN 43 718, anti-glare glass

Front Dimensions mm Type	48 x 48 MQB 48	72 x 72 MQB 72	96 x 96 MQB 96
Scale Length mm	42	63	97
Accuracy Class	3	3	3
Max. Weight (standrad model)	0.1 kg	0.2 kg	0.25 kg
Max. Operating Voltage	300 V	600 V	600 V
Test Voltage	3.5 kV	5.8 kV	5.8 kV
Front Housing Panel Protection	IP 52	IP 52	IP 52

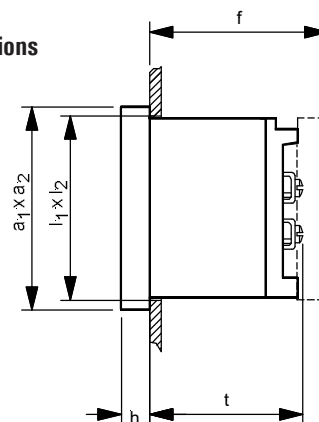
Power Consumption

Connection	Measuring Input		Power Consumption
to transformer	Current	sec.: 1 A or 5 A	approx. 2.2 VA

Reference Conditions

Reference Quantities	Reference Conditions
Ambient Temperature	23°C ± 2°C
Position of Use	control panel vertical ± 1°
Other	DIN EN 60051

Basic Dimensions



Front in mm	Nominal Dimensions		Cutout Dimensions, mm $l_1 \times l_2$	Installation Depth Including Terminals (t), mm M4	Installation Depth Including Full Cover (f), mm
	$a_1 \times a_2$	h			
48 x 48	48 x 48	5.5	$45^{+0.6} \times 45^{+0.6}$	53	66
72 x 72	72 x 72	5.5	$68^{+0.7} \times 68^{+0.7}$	53	66
96 x 96	96 x 96	5.5	$92^{+0.8} \times 92^{+0.8}$	53	66

Basic Series • Square Panel Meters

For Alternating Current



Bimetal-movement, 90° scale white, imprint black
Narrow front frame matt black per DIN 43 718, anti-glare glass

Range	Scale ¹⁾	Type Order No.	MQB 48 ↓	MQB 72 ↓	MQB 96 ↓
5 / 6 A, 8 or 15 min.	0 – 50 / 60 A				
5 / 6 A, 8 or 15 min.	0 – 60 / 72 A				
5 / 6 A, 8 or 15 min.	0 – 100 / 120 A				
5 / 6 A, 8 or 15 min.	0 – 150 / 180 A				
5 / 6 A, 8 or 15 min.	0 – 200 / 240 A				
5 / 6 A, 8 or 15 min.	0 – 250 / 300 A				
5 / 6 A, 8 or 15 min.	0 – 400 / 480 A				
5 / 6 A, 8 or 15 min.	0 – 600 / 720 A				
5 / 6 A, 8 or 15 min.	0 – 800 / 960 A				
5 / 6 A, 8 or 15 min.	0 – 1000 / 1200 A				
5 / 6 A, 8 or 15 min.	0 – 1200 / 1440 A				
5 / 6 A, 8 or 15 min.	0 – 1500 / 1800 A				
1 / 1.2 A, 8 or 15 min.	0 – 50 / 60 A				
1 / 1.2 A, 8 or 15 min.	0 – 60 / 72 A				
1 / 1.2 A, 8 or 15 min.	0 – 100 / 120 A				
1 / 1.2 A, 8 or 15 min.	0 – 150 / 180 A				
1 / 1.2 A, 8 or 15 min.	0 – 200 / 240 A				
1 / 1.2 A, 8 or 15 min.	0 – 250 / 300 A				
1 / 1.2 A, 8 or 15 min.	0 – 400 / 480 A				
1 / 1.2 A, 8 or 15 min.	0 – 600 / 720 A				
1 / 1.2 A, 8 or 15 min.	0 – 800 / 960 A				
1 / 1.2 A, 8 or 15 min.	0 – 1000 / 1200 A				
1 / 1.2 A, 8 or 15 min.	0 – 1200 / 1440 A				
1 / 1.2 A, 8 or 15 min.	0 – 1500 / 1800 A				

All panel meters available with the following configurations:

Front Dimensions: 48 x 48, 72 x 72, 96 x 96

Connected to 1 / 1.2 A or 5 / 6 A transformer

Response Time: 8 min. or 15 min.

Scale as requested

Please note ordering example below:

1) Specify unlisted scales in clear text

Ordering Example:

Type MQB 96	Text for purchase order: Range 5 / 6 A, Scale 0 – 100 / 120 A, 15 min.
-----------------------	--