

Order Information

Square Panel Meters

for Alternating Current or Alternating Voltage

Code: B0

Order Example: Moving-Iron Ammeter 96 x 96 mm, 100/5 A Transformer Ratio, 2-Fold Overload, Order No 3200E BG18 CG100			Front Dim. in mm Type	48 x 48 DE 48	72 x 72 DE 72	96 x 96 DE 96	144 x 144 DE 144
			Order no. → + ↓ + ↓	3100E	3150E	3200E	3250E (in prep.)
Meas. Input – Alternating Current	Connection	Current					
rated value 100%	direct		–	+	+	+	+
2-fold overload	direct		BG12	+	+	+	+
		1 A/1.5 A/2.5 A/4 A/5 A/6 A 10 A/15 A/25 A/ 40 A/60 A 100 A	CC1 to CC100	+	+	+	+
rated value 100%	at transformer sec.: 1 A	primary current: ... A primary current: ... kA	BG 13 CG ... BG 13 CH ...	+	+	+	+
	at transformer sec.: 5 A	primary current: ... A primary current: ... kA	BG 14 CG ... BG 14 CH ...	+	+	+	+
rated value 120%	at transformer sec.: 1 A	primary current: ... A primary current: ... kA	BG 15 CG ... BG 15 CH ...	+	+	+	+
	at transformer sec.: 5 A	primary current: ... A primary current: ... kA	BG 16 CG ... BG 16 CH ...	+	+	+	+
2-fold overload	at transformer sec.: 1 A	primary current: ... A primary current: ... kA	BG 17 CG ... BG 17 CH ...	+	+	+	+
	at transformer sec.: 5 A	primary current: ... A primary current: ... kA	BG 18 CG ... BG 18 CH ...	+	+	+	+
Meas. Input – Alternating Voltage	Connection	Voltage (upper range value)					
rated value 100%	direct	120 V/150 V/ 250 V/300 V/400 V/ 500 V/600 V	– DC120 – to – DC600	+	+	+	+
rated value 120%	at transformer sec.: 100 V	primary voltage: ... V primary voltage: ... kV	BG20 DG ... BG20 DH ...	+	+	+	+
	at transformer sec.: 110 V	primary voltage: ... V primary voltage: ... kV	BG21 DG ... BG21 DH ...	+	+	+	+
Scale Graduation	corresponds to measuring range		–	+	+	+	+
	without scale		GL95	+	+	+	+
	blank scale, lower and upper value markings, company logo, symbols		GL98	+	+	+	+
Applications	standard		–	+	+	+	+
	conditionally tropic-proof, climatic category 3		LB4	+	+	+	+
Resistance To Vibration/ Marine Applications	standard		–	+	+	+	+
	vibration resistance: 2.5 g, shock resistance: 30 g marine applications, German Lloyds		LN56 LN8	+	+	+	+
Operating Voltage	standard		–	+	– 2)	– 2)	– 2)
	600 V (600 V CAT III)		LS9	+			
Bezel	dull black		–	+	+	+	+
	dull grey, RAL 7037		MA11	+	+	+	+
Glass Faceplate	normal		–	+	+	+	+
	anti-glare		MG1	+	+	+	+
	anti-glare, with red adjustable set pointer		MG98	+	+	+	+
Housing and Fasteners	standard		–	+	+	+	+
	sheet metal housing with type S screw clamp		ML7	–	+	+	–
	sheet metal housing with type B screw clamp		ML8	–	+	+	–
	polycarbonate housing with 2 leaf springs		ML9	+	+	+	–
	polycarbonate housing with Subklew fasteners		ML10	+	+	+	–
	polycarbonate housing with 4 leaf springs		ML11	+	+	+	–
	polycarbonate housing with mounts for H&B Unibloc -grid		ML12	+	– 3)	– 3)	– 4)
	polycarbonate housing for manual grid, no fasteners		ML5	+	– 3)	– 3)	– 4)
Identification	none		–	+	+	+	+
	at rear: .....		MZ998 ...	+	+	+	+
Scale Inscription (Latin lettering)	none		–	+	+	+	+
	≤18 characters, 1 line: ..... (not possible for 2 <sup>nd</sup> inscription)		SM903 ...	+	–	–	–
	≤22 characters, 1 line: .....		SM902 ...	–	+	+	+
	≤37 characters, 2 lines: 1 <sup>st</sup> line (15 char.);..., 2 <sup>nd</sup> line (22 char.): .....		SM911 ...	–	+	+	+
Additional Numberings	none		–	+	+	+	+
	2 <sup>nd</sup> set of numberings, black: ...		SK982 ...	+	+	+	+
	2 <sup>nd</sup> set of numberings, red (RAL 2002): ...		SK983 ...	+	+	+	+
Red Marker (RAL 2002)	none		–	+	+	+	+
	red marker at: ...		ST981 ...	+	+	+	+

Order Number Instructions:

- Select one model each for order numbers with the same sequence of letters.
- No additional entries required for std. models (identified with bold typeface and “–” in order no. column).
- An entry with “...” in the order no. column means that the order number must be supplemented with text.

See page 13 for operating position and degree of protection options.

- See “Safety Precautions” on page 8 regarding operating and nominal voltages.
- Standard model
- Use order number ML9 for H&B Unibloc and manual grids.
- Standard model is suitable.