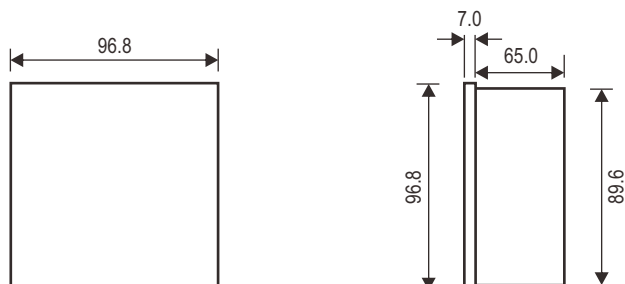



DIMENSIONAL DRAWINGS (mm)


TECHNICAL INFO		EMG5
General	Seven Segment Display	Ö
	Password Protection	Ö
	Current Transformer Ratio	1 - 5000
	Voltage Transformer Ratio	1 - 5000
	Connection Type	3F4T, 3F3T
	Measurements in Quadrants	4
	Number of Measurements in a Period	256
	LCD/Display Refresh Period	1 sec.
	Networks	TT, TN, IT
Current Measurement Input	Min./Max./Demand Values	Ö
	Measurement Range	10mA - 6AAC
	Overvoltage Category	300 V Cat II
	Measurement Surge	Voltage 2 kV
	Power Consumption	<0.2 VA
	Intermittent Overload	100 A for 1 sec.
Voltage Measurement Input	Sampling Frequency	between 45-65 Hz 12.8 kHz
	Overvoltage Category	300 V Cat III
	Measured Range	L-N1-300 Vrms
	Measured Range	L-L2-500 Vrms
	Measured Frequency Range	45-65 Hz
	Power Consumption	<0.1 VA
Supply	Sampling Frequency	between 45-65 Hz 12.8 kHz
	Voltage	AC 85-300V DC 85-300V
	Consumption	AC <6VA DC <3W

TECHNICAL INFO		EMG5
Supply	Frequency	45-65Hz
Data logging with timestamp	Demand	—
	Alarm records	—
Mechanical Properties	Weight (g)	272
	Protection class	Front IP40/Rear IP20
	Mounting type	Panel Mount
	Supply, Voltage, Current, Relay	Stranded: 2.5mm ² - 14AWG
	Outputs	—
		Solid: 4mm ² - 12AWG, 2x1.5mm ² - 2x16AWG
Cable cross sections	Digital I/O, RS 485, Analog Output	Stranded: 1.5mm ² - 16AWG
		Solid: 1.5mm ² - 16AWG, 2x0.75mm ² - 2x18AWG
Ambient Conditions	Operating Temperature	-20°C +70°C
	Storing Temperature	-30°C +80°C
	Relative Humidity (No Condensation)	Max. 95%
EMC-EMI	300 VAC CAT II according to IEC 61010-1	Ö
	EN 55011/A1:2010, EN 61000-4-2,	Ö
	EN 61000-4-3, EN 61000-4-4,	Ö
	EN 61000-4-5, EN 61000-4-6,	Ö
	EN 61000-4-8, EN61000-4-11	Ö


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