

Модульный анализатор параметров сети MF7-45, трансформ.вкл.

Тип Последовательный монтаж 45 мм, Функция Network analyzer, , Степень защиты IP54 (спереди), IP20 (соединения)



Технические данные

Тип	Последовательный монтаж 45 мм
Индикация	
Display values	Current-conductor and neutral current Display voltage phase-phase and phase-N Average current Maximum value of the average current Frequency Operating hours (hours and minutes)
Дисплей	LCD with backlight
Backlight	switches off automatically after 20 seconds without operation
Display indication	10.000 points (4 digits)
Measured variable unit	automatic, depending on the setting of the transformer primary current
Resolution	automatic, with the max. possible decimal places
Measuring cycle time (s)	1,20
Accuracy	
Voltage (tolerance)	± 0,5% (80...450 V phase - phase)

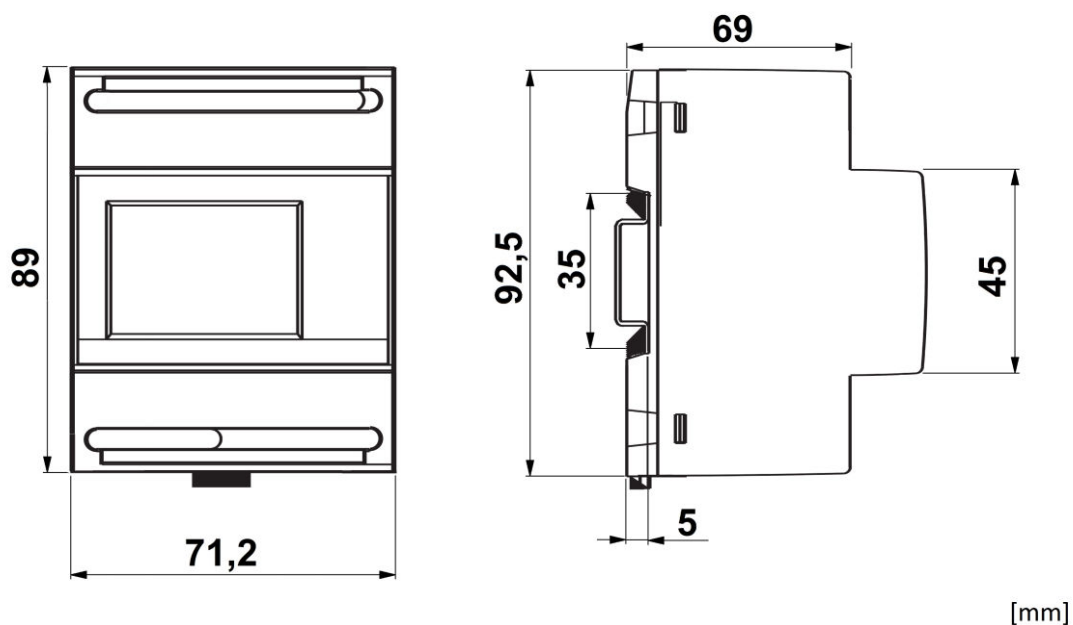
Технические данные - Продолжение

Current (tolerance)	$\pm 0.5\%$ (10...120% I_n)
Power (tolerance)	$\pm 1,5\%$ (10...120% $\cos\phi$ 0,5 ind...0,5kap.)
Neutral current (tolerance) (%)	$\pm 2\%$
Frequency (tolerance)	± 0.2 Hz
Average current	
Indication in display	Average current and its maximum value
Integration time	adjustable 5/8/10/15/20/30/60 minutes
Calculation	Average value for current and active power over the set time period
Возврат	manually via keys
Programming	
Клавиша	via 2 keys
Programming access	Key combination
Data storage	into non-volatile memory (without battery)
Programmable parameters	
Сетевая система	Alternating current network - three-phase network (4-wire)
Primary currents (A)	5, 10, 15, 20, 25, 30, 40, 50, 60, 70, 75, 80, 100, 120, 125, 150, 160, 200, 250, 300, 400, 500, 600, 700, 750, 800, 1000, 1200, 1250, 1500, 1600, 2000, 2500, 3000, 3200, 4000, 5000, 6000, 7000, 7500, 8000 A
Current average	Integration time, reset of the maximum value
Operating hours counter	Reset
Input	
Mains type	Alternating current network and 4-wire three-phase network
Voltage (three-phase network)	80...600 V (phase-phase)
Voltage (alternating current network)	50...350 V
Nominal current (input)	5A
Overload (continuous)	1.2 I_n
Overload (short-time)	20 I_n / 0.5 seconds
Вид подключения	only in connection with external current transformers which have inputs a common point (connection 3 - 6 - 9)
Rated frequency (Hz)	50
Working frequency (Hz)	47...63
Measuring method	True RMS conversion
Harmonic content	up to the 16th harmonic
Самопотребление (напряжения)	≤ 1 VA (per phase)
Самопотребление (текущая траектория)	≤ 0.5 VA (per phase)
Auxiliary voltage	
Auxiliary voltage U_{aux}	230 - 240 V
Допуск	0,85...1,1 U_{aux}
Rated frequency (auxiliary voltage)	50 Hz
Operating frequency (auxiliary voltage)	47 ... 63 Hz
Power consumption	≤ 5 VA – 2,5 W
Isolation	Insulation according to EN 60439-1

Технические данные - Продолжение

Installation category	III
Pollution degree	2
Insulation voltage	660 V
Isolation test voltage	4 kV R.M.S. 50 Hz/1 min
Test circuit	all circuits and ground
Electromagnetic compatibility	
Emission test	according to EN 61000-6-3
Immunity test	according to EN 61000-6-2
Working conditions	
Reference temperature (°C)	23 ± 2
Operating temperature	-5°C to +55°C
Диапазон температур - Транспортировка/хранение (°C)	-25 to +70
Температурное воздействие (°C)	≤ 0,1% / °C
Relative humidity (%)	0 ... 95%
Потеря мощности (W)	8,00
Корпус	
Housing type	4 Module DIN 43880 (71.2 mm wide)
Connection (current)	Wire (flexible) min. 0,05 mm ² / max. 2,5mm ² Wire (fixed) min. 0,05 mm ² / max. 4mm ²
Connection (voltage)	Wire (fixed) min. 0.05 mm ² / max. 4mm ² Wire (flexible) min. 0.05 mm ² / max. 2.5mm ²
Тип крепления	snap-on DIN rail 35 mm
DIN rail	TH35-15 (EN60715)
Housing material	Polycarbonate, self-extinguishing
Степень защиты	IP54 (спереди), IP20 (соединения)

MGR30000 Maßskizze



ОПИСАНИЕ

Номер заказа

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