

## DATA SHEET: kWh-METER 32A DIRECT



### TECHNICAL DATA

Voltage		2 wire meter 1 x 230V
Current		0,25-5(32) A
Starting current		20 mA
Frequenzy		50 Hz
Accuracy	active energy	Cl. B according to EN 50470-1, -3
Measuring types		+A
Meter constant	LED	5 000 Imp./kWh
	Output	1 000 Imp./kWh
Energy register		1 tarif register
Data retention time		without voltage in the FLASH/EEPROM, at least 20 years
Display	version	LCD
	number of digits	6
	digitness	5,1
	digit size in the vlue range	appr. 2,7 x 6,25 (W x H) mm
	display of instaneous values	scrolling
Operation	operation of button	for operation of display
Data interfaces	number	1
	S0-output	maximum 27 V DC, 27mA (passive)
	pulse length	50ms
Energy supply	voltage path	< 0,4 W
EMC-characteristics	isolation resistance	Isolation: 4 kV AC, 50 Hz, 1 min
	surge voltage	EMC: 4 kV, impulse 1,2/50 ms, 2 W, ISO: 6 kV, impulse 1,2/50 ms, 500 W
	resistance against HF-fields	10 V/m (under load)
Temperature range	operating	-25°C...+55°C
	limit / storage	-40°C...+70°C
Realtive humidity		95%, non-condensning accord. To IEC 62052-11, EN 50470-1 and IEC 60068-2-30
Housing	dimensions	DIN 43880 (1 SU pitch wide = 18 mm)
	class of protection	2
	degree of protection, housing, terminals	IP 20
	material	polycarbonate glass-fibre-reinforced
	fire characteristics	acc. to IEC 62052-11
	weight	appr. 67,5 g
Connection-cross section	current- / neutral conductor	max. 6 mm <sup>2</sup>
	auxilliary terminals	max. 2,5 mm <sup>2</sup>
Features		impulse output, instanteneous values (scrolling: power, voltage, current, frequency and power factor)

DESCRIPTION	ORDER NO.
kWh-meter 1-phase 32A direct with impulse output	MGMIZ132