

Ambition 4PU Meter



Specifications

■ Casing:	PC flame resistant plastic
■ Nominal voltage (Un):	230/400AV AC (3~)
■ Operational voltage:	3*230/400V ±20%
■ Insulation capabilities:	
- AC voltage withstand	4KV for 1 minute
- Impulse voltage withstand	6KV - 1,2µS waveform
■ Basic current (Ib):	5A
■ Maximum rated current (Imax):	65A
■ Utilisation category:	UC2
■ Operational current range:	0,4%Ib-Imax
■ Overcurrent withstand:	30Imax for 0,01s
■ Operational frequency range:	45-60Hz
■ Internal power consumption:	≤2W/Phase - ≤10VA/Phase (active - reactive)
■ Test output flash rate (RED LED):	10.000 imp/kWh
■ Pulse output rate:	10.000/2.000/1.000/100/10/1/0,1/0,01 imp/kWh
■ Pulse width selectable:	2-99ms (depending on pulse output rate setting)
■ Communication:	Modbus RTU with 16 bit CRC, Mbus and Bluetooth 4.2
■ Operating humidity:	≤ 75%
■ Storage humidity:	≤ 95%
■ International standard:	EN50470-1/3
■ Accuracy class:	B (=1% accuracy)
■ Protection against penetration of dust and water:	IP51

Specifications

■ Insulating encased meter of protective class:	II
■ Operating/storage temperature range:	-40°C - +70°C

Wire connection

■ Connection technology:	Push-in CAGE CLAMP®
■ Actuation type:	Lever

WAGO serie 2616

■ Solid conductor:	0.75 ... 16 mm² / 18 ... 4 AWG
■ Fine-stranded conductor:	0.75 ... 25 mm² / 18 ... 4 AWG
■ Fine-stranded conductor; with insulated ferrule:	0.75 ... 16 mm²

WAGO serie 2604

■ Solid conductor:	0.2 ... 4 mm² / 24 ... 12 AWG
■ Fine-stranded conductor:	0.2 ... 4 mm² / 24 ... 12 AWG
■ Fine-stranded conductor; with insulated ferrule:	0.25 ... 2.5 mm²