



ECP380D



3 Phase kWhmeter direct 80A 4M S0 MID

Technical properties

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Number of poles	4 P
Type of pole	3P+N

Functions

Precision class	В
Tarif type	T1T2 (230 V AC) / -

Configuration

Number of modules	1
Number of modules	

Compatibility

Suitable for	Purchase /	supply

Main electrical features

Rated operational voltage Ue	92 / 480 V
Type of supply voltage	AC
Frequency	50 Hz

Voltage

Max operating voltage	300 V
Rated impulse withstand voltage	6 kV

Electric current

Minimum operating current	0.015 A
Operating current	0.015 / 80 A
Rated current	80 A
Reference current	5 A
Max. measurement circuit current	80 A

Dimensions

Depth of installed product	60 mm
Height of installed product	92 mm
Width of installed product	72 mm

Power

Power consumed	2 VA
Total power loss under IN	0.6 W
Plage Impulsion/KWh	1 / 200 lmp/kWh

Electrical specifications

Type of measuring instrument electronical principle of measurement Direct measurement Direct measurement Power supply Supply voltage 400 V ± 20% Installation, mounting Tightening torque 2Nm Mounting type din-Rai Wire cross section of metering entrance wire 33 mm Wire cross section of metering outgoing wire 33 mm Settings Settings Value of a pulse 100 Wf Equipment Type of display retro illuminated display Tariff model of kilowatt-hour meter Externe Type of counter 4 wires counter 4 wires counter Standard text EN 50470-1/3 ; IEC 62053-21/23 ; IEC 61557-12 Certified product MID (Measuring Instruments Directive Safety Protection class is iso.class is REACH conform Yes ROHS con	Type of pulse generator	electrical
Type of measuring instrument Direct measurement Direct measurement Direct measurement Principle of measurement Direct measurement Direct measurement Direct measurement Direct measurement Direct measurement Direct measurement Power supply Supply voltage 400 V ± 20% Installation, mounting Tightening torque 2Nm Mounting type din-Rai Mounting type din-Rai Wire cross section of metering entrance wire 33 mm Wire cross section of metering outgoing wire 33 mm Settings Settings Value of a pulse 100 Wire Equipment Type of display retro illuminated display Tariff model of kilowatt-hour meter Externe Type of counter 4 wires counter 4 wires counter Standards Standards Standards Standards Standard text EN 50470-1 / 3 ; IEC 62053-21 / 23 ; IEC 61557-12 Certified product MID (Measuring Instruments Directive Safety Protection class isol.class is REACH conform Yes RoHS c	Measurement	
Principle of measurement Power supply Supply voltage 400 V ± 20% Installation, mounting Tightening torque 2Nm Mounting type din-Rai Connection Wire cross section of metering entrance wire 33 mm Wire cross section of metering outgoing wire 33 mm Settings Value of a pulse 100 Wf Equipment Type of display retro illuminated display Tariff model of kilowatt-hour meter Externe Type of counter 4 wires counter Use Pulse duration 30 / 100 ms Standards Standards Standards EN 50470-1 / 3 ; IEC 62053-21 / 23 ; IEC 61557-12 Certified product MID (Measuring Instruments Directive Safety Protection class isol.class is REACH conform Yes ROHS ROHS ROHS ROHS	Frequency measuring range	45 to 65 Hz
Supply voltage 400 V ± 20% Installation, mounting Tightening torque 2Nm Mounting type din-Rai Connection Wire cross section of metering entrance wire 33 mm Wire cross section of metering outgoing wire 33 mm Settings Value of a pulse 100 Wf Equipment Type of display retro illuminated display Tariff model of kilowatt-hour meter Externer Type of counter 4 wires counter Use Pulse duration 30 / 100 ms Standards Standards Standard text EN 50470-1 / 3 ; IEC 62053-21 / 23 ; IEC 61557-12 Certified product MID (Measuring Instruments Directive MID (Measu	Type of measuring instrument	electronical
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Operating temperature -2555 °C Degree of pollution according to IEC 60664 / IEC 60947-2 2 Altitude 2000 m	Halogen free	Yes
Degree of pollution according to IEC 60664 / IEC 60947-2 2 Altitude 2000 m	Use conditions	
IEC 60947-2 2 Altitude 2000 m	Operating temperature	-2555 °C
		2
Storage/transport temperature -2570 °C	Altitude	2000 m
	Storage/transport temperature	-2570 °C

électrical

Type of pulse generator