



ECR180D

## 1 Phase kWhmeter direct 80A 2M MODBUS MID

### Technical characteristics

#### Architecture

Bus system	MODBUS
Number of poles	2 P
Fixing mode	DIN rail type O (symmetrical)

#### Main electrical features

Rated operational voltage Ue	92 / 276 V
Frequency	50 Hz
Type of supply voltage	AC

#### Voltage

Max operating voltage	300 V
Rated impulse withstand voltage	6 kV

#### Dimensions

Depth of installed product	60 mm
Height of installed product	92 mm
Width of installed product	36 mm

#### Power

Power consumed	2 VA
Total power loss under IN	1 W

#### Measurement

Type of measuring instrument	electronical
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#### Installation, mounting

Tightening torque	2Nm
Mounting type	din-Rail

#### Equipment

Type of display	retro illuminated display
Type of counter	single-phase counter

#### Standards

Standard text	EN 50470-1 / 3 ; IEC 62053-21 / 23 ; IEC 61557-12
European directive WEEE	concerned

#### Safety

Protection index IP	IP20
Protection class	isol.class II

#### Use conditions

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Operating temperature

-25...55 °C