

ECR180T

1 Phase kWhmeter direct 3x80A 4M MODBUS

Architecture

Bus system	MODBUS
Number of poles	2 P
Type of pole	3x 1P+N
Fixing mode	DIN rail type O (symmetrical)

Main electrical features

Rated operational voltage Ue	92 / 276 V
Frequency	50 Hz
Rated current	80 A
Type of supply voltage	AC

Voltage

Max operating voltage	300 V
Rated impulse withstand voltage 6 kV	

Dimensions

Depth of installed product	60 mm
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Height of installed product	92 mm
Width of installed product	72 mm
Power	
Power consumed	2 VA
Total power loss under IN	1 W
Measurement	
Type of measuring instrument	electronical
Capacity	
Number of modules	4
Power supply	
Supply voltage	230 V ± 20%
Installation, mounting	
Tightening torque	2Nm
Mounting type	din-Rail
Equipment	
Type of display	retro illuminated display
Type of counter	three-point system
Standards	
Standard text	IEC 62053-21 ; 23 ; IEC 61557-12
European directive WEEE	concerned
Safety	
Protection index IP	IP20
Protection class	isol.class II
Use conditions	
Operating temperature	-25/55 °C
Storage temperature	-25/70 °C
Temperature	
Operating temperature	-25/55 °C