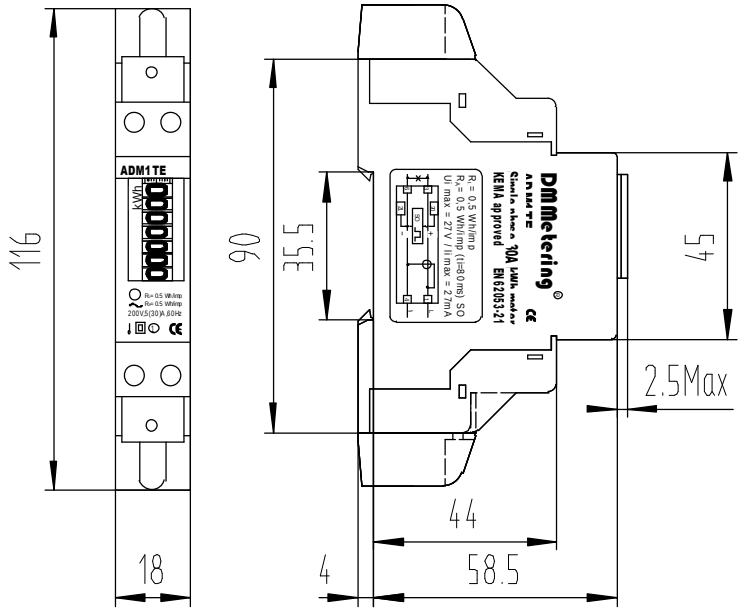
ADM1TE 30A Single Phase meter

The Procuro **e-scio** range of energy management products is designed to make energy data collection and hence monitoring and targeting an accessible and cost effective technology, within the reach of even the most modest budget.
The philosophy of the e-scio range is that of modularity. The installer can mix and match communications protocols and add meters, loggers and even sites as required.

Specifications:

Nominal voltage (Un)	200V AC
Operational voltage	140 - 260V AC
Insulation capabilities:	
AC voltage withstand	2KV for 1 min
Impulse voltage withstand	6KV – 1.2µS
Basic current (Ib)	5 A
Maximum rated current (Imax)	30 A
Operational current range	0.25A - 30A
Over current withstand	900A for 0.01s
Operational frequency range	60Hz ±10%
Internal power consumption	≤2W / 10VA
Test output flash rate (RED LED)	2000 impulses per kWh (0.5Wh/imp)
Pulse output rate (pins 20 & 21)	2000 pulses per kWh (0.5Wh/imp)
Power supply indicator (Green LED)	
Consumption indicator (RED LED)	

The ADM1TE is a single phase electricity meter, designed for installation on 35mm DIN-rail board. The meter complies with the IEC-EN62053-21 specifications. It can be used both in 50Hz or 60Hz AC electricity networks. The consumed electricity is displayed on a newly developed 6+1 impulse step type register. The meter is also equipped with an SO contact for convenient monitoring with external equipment.

Dimensions

Height	116 mm
Width	18 mm
Depth	58.5 mm
Weight	0.12 Kg (net)