

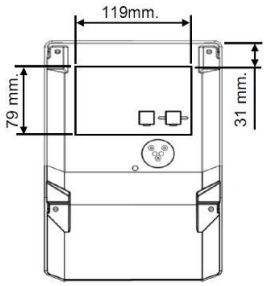
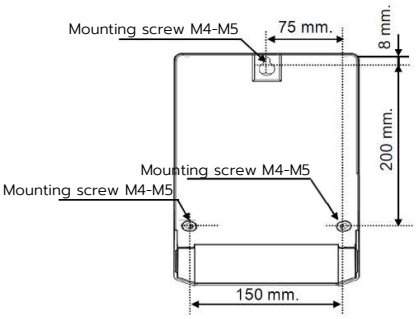
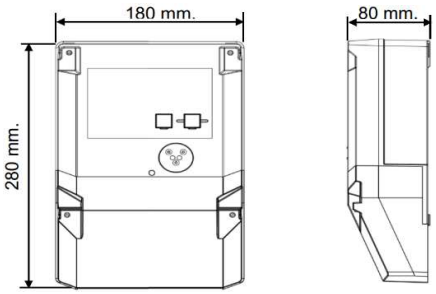
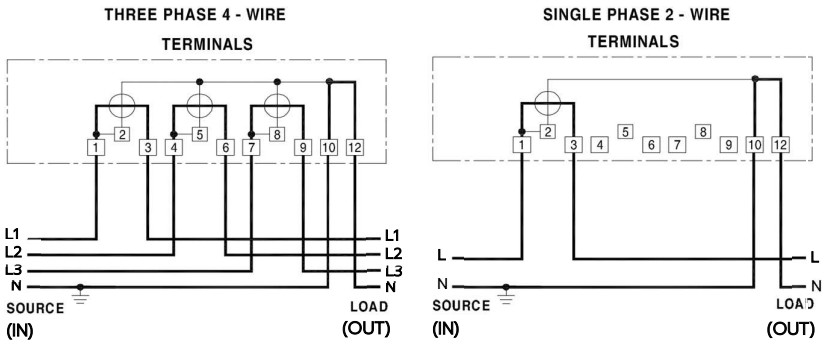
TYPE

SMW110

Technical Data

Electronic Meter SMW110 Basic Model

Model Code	SMW110-C01E
Standard	TIS 2543-2555, IEC 62052-11, IEC 62053-21
Display	LCD Display
Energy (kWh)	5 integer + 1 decimal
Display Item	Normal mode (automatic scrolling) : kWh (import+export)
	Alternate mode (manual scrolling) : kW, Volt, Amp, Display test, Phase angle, Baud rate
	Backup mode (power failure) : kWh (import+export), Baud rate, ID code
OPERATING CONDITION	
Power System	3-Phase 4-Wire 1-Phase 2-Wire
Reference Voltage	3-Phase 4-Wire : 3x220/380-230/400 V 1-Phase 2-Wire : 220-230 V
Operating Voltage	3-Phase 4-Wire : 165/285-264/457 V 1-Phase 2-Wire : 165-264 V
Rated Current	5(100) A
Reference Frequency	50 Hz
Temperature/Humidity	0-70 °C / 0-95 %RH (non-condensing)
COMMUNICATION / SOFTWARE	
Communications Port	RS-485 (for connecting with ADC)
Protocol	Proprietary
Accessories (Optional)	ADC
Support Software	e-Smart Billing / e-Smart Energy (Windows 10 or later)
ELECTRICAL CHARACTERISTICS	
Accuracy	Class 1 (Active Energy)
Meter Constant	1000 imp/kWh
Power Consumption Voltage Circuit Current Circuit	 < 2 W / 10 VA < 4 VA
Starting Current	20 mA (at reference voltage)
Over Current	120 A (continue for 30 minutes)
Surge Immunity	6 kV (higher than IEC Standard 50%)
Impulse Voltage	8 kV (higher than IEC Standard 30%)

Model Code	SMW110-C01E
MECHANICAL CONSTRUCTION	
Protective Class	Class II (double insulation)
Enclosure Protection	IP54
Applicable Conductors	25-50 mm^2
Mounting	3 points
Weight	1.48 kg
Panel Hole Dimensions (mm) and Dimensions of Mounting Point (mm)	 Panel Hole Dimensions  Dimensions of Mounting Point
Dimensions (mm)	
Connection Diagram	

Specifications are subject to change without notice.

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