Eastron

PRODUCT CATALOG

2026

COMPANY CULTURE

Corporate Mission

To make every kilowatt-hour smarter, safer, and more precise.

Core Values

Partnering in Our Customers' Sustainable Success
Integrity · Pragmatism · Innovation · Excellence

Corporate Vision

The Pioneer in Smart Metering.

ABOUT US

Eastron Electronic Co., Ltd. headquartered in Jiaxing, China, is a leading high-tech manufacturer specializing in electricity products and energy measurement solutions.

Over the years, Eastron has developed a wide range of electricity meters, sensors, communication modules, and management systems. Our experienced R&D teams in China and the UK, supported by collaborations with leading institutions, drive continuous innovation, ensuring our products remain competitive.

To ensure product reliability, Eastron has set up its own professional lab that performs EMC, LVD, accuracy, and environment tests according to IEC, EN, GB, and UL standards. Backed by over 300 patents and certifications including "High-tech Enterprise" and "R&D Centre", we operate under an ISO 9001 quality system and maintain SGS MID and UL product approvals.

Eastron partners with customers globally, providing high-quality products and first-class technical support and services. Our solutions serve clients in over 60 countries across Europe, Asia-Pacific, the Americas, the Middle East, and Africa.

Production Site	Employees	Export Country
28000 M²	300+	60+

ALL-SCENARIO COVERED

Power Distribution

AD / DC Charger

Renewable Energy

AMR/AMI

Smart Factory

Data Center

QUALIFICATION AND HONOR
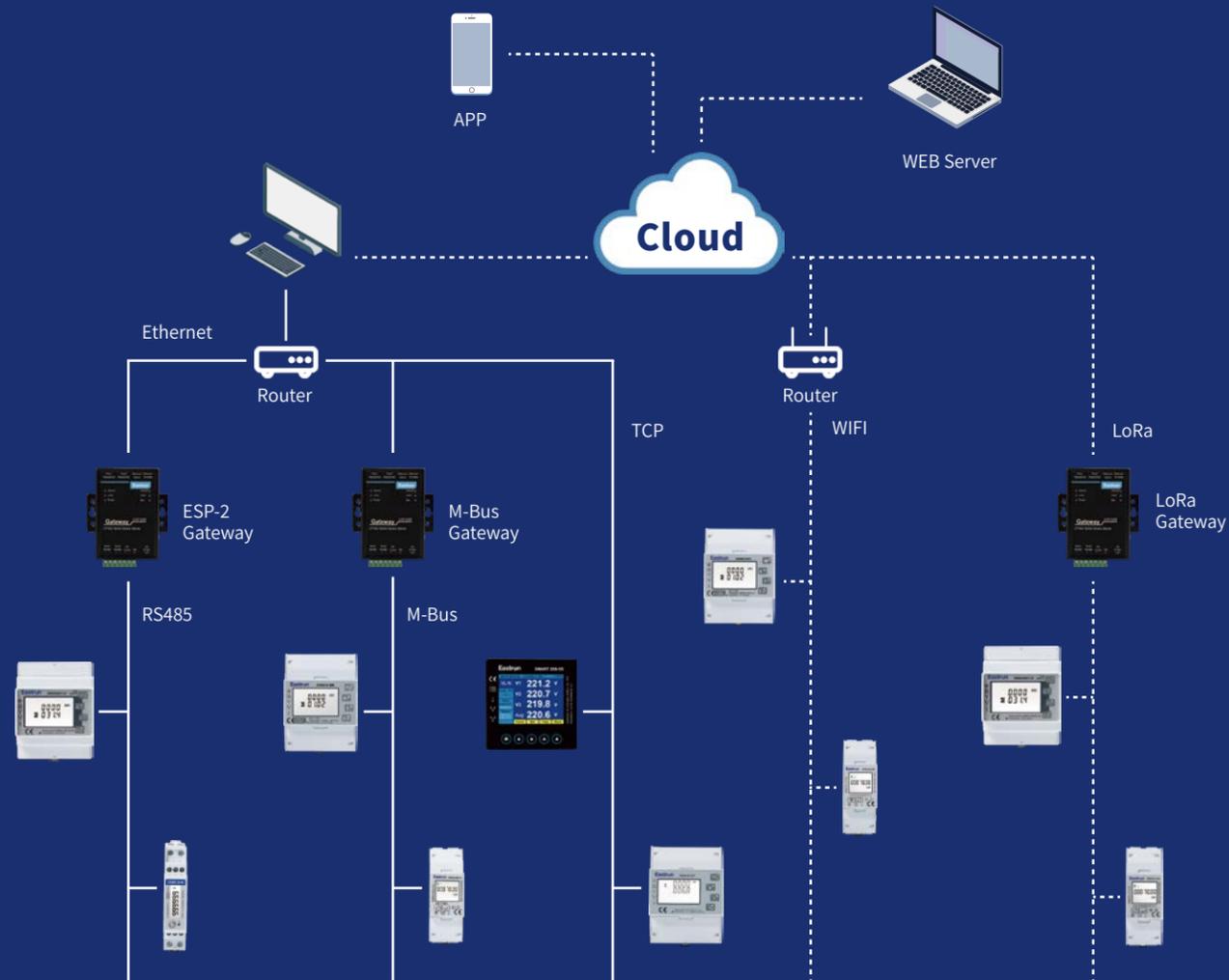
👥 **60+**
R&D Team

🏠 **7%**
Of Sales to R&D

💡 **300+**
Patents

Management Systems

ISO9001:2015 Quality Management Sys.
ISO14001:2015 Environmental Management Sys.
ISO45001:2018 Occupational Health Management Sys.
GB/T 29490-2013 Intellectual Property Management Sys.
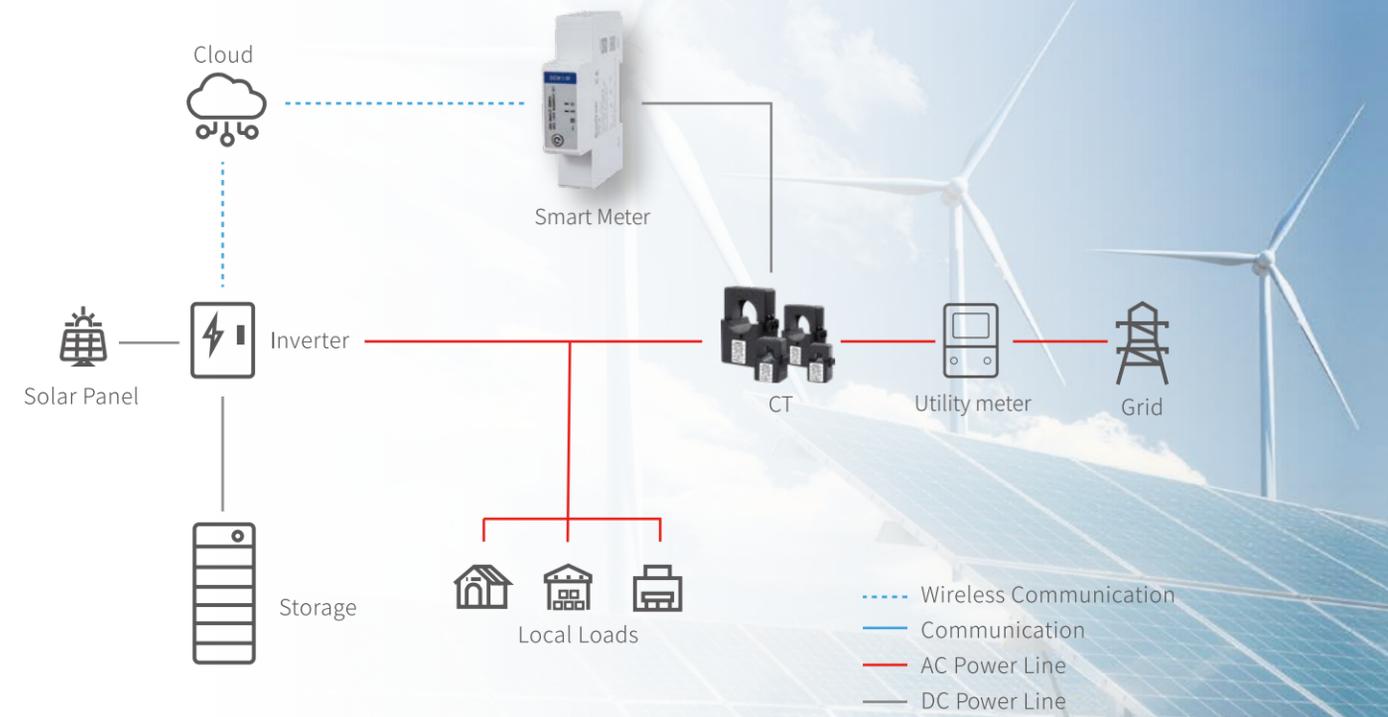MID 2014/32/EU Measuring Instruments Directive

MANUFACTURING & QUALITY

ENERGY MANAGEMENT SYSTEM

APP

WEB Server

Cloud

Ethernet

Router

Router

TCP

WIFI

LoRa

ESP-2 Gateway

M-Bus Gateway

LoRa Gateway

RS485

M-Bus

221.2
220.7
219.8
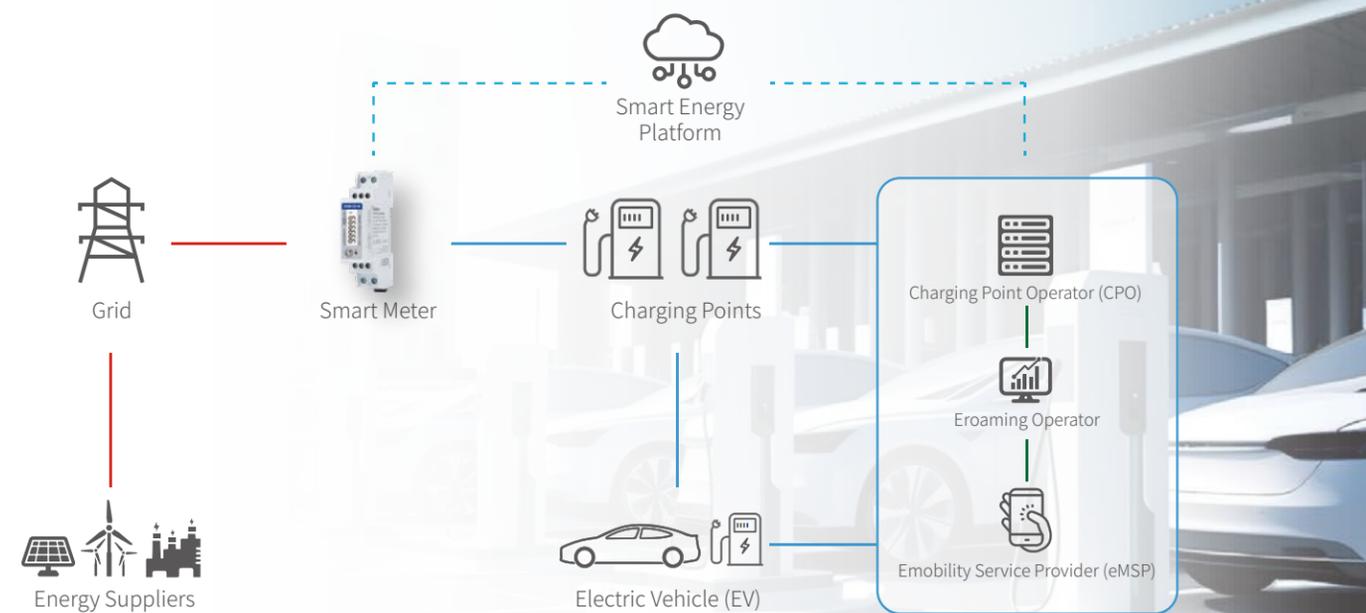220.6

Renewable Energy

Grid

Load

Storage

EV Charger

Eastron Energy Management System is engineered to empower users to monitor, control, and optimize energy use performance, and is widely used in Solar PV systems, EV charger metering, data centers, electricity distribution networks, etc.

SOLAR PV METERING

Cloud

Smart Meter

Solar Panel

Inverter

CT

Utility meter

Grid

Storage

Local Loads

- - - - Wireless Communication
———— Communication
———— AC Power Line
———— DC Power Line

EV CHARGER METERING

Smart Energy Platform

Grid

Smart Meter

Charging Points

Charging Point Operator (CPO)

Eroaming Operator

Energy Suppliers

Electric Vehicle (EV)

Emobility Service Provider (eMSP)

WIRELESS SOLUTIONS

LoRa

WiFi

4G

NB-IOT

Cloud   Network Server

MULTI-CLICK SOLUTION

MCS-D
Display Modules

MCS-U
Voltage Modules

MCS-I
Current Modules

MCS-E
Energy Modules

ESCT
Current Sensors

MCS-IO
Function Modules

Eastron
When Electricity Matters

CONTENTS
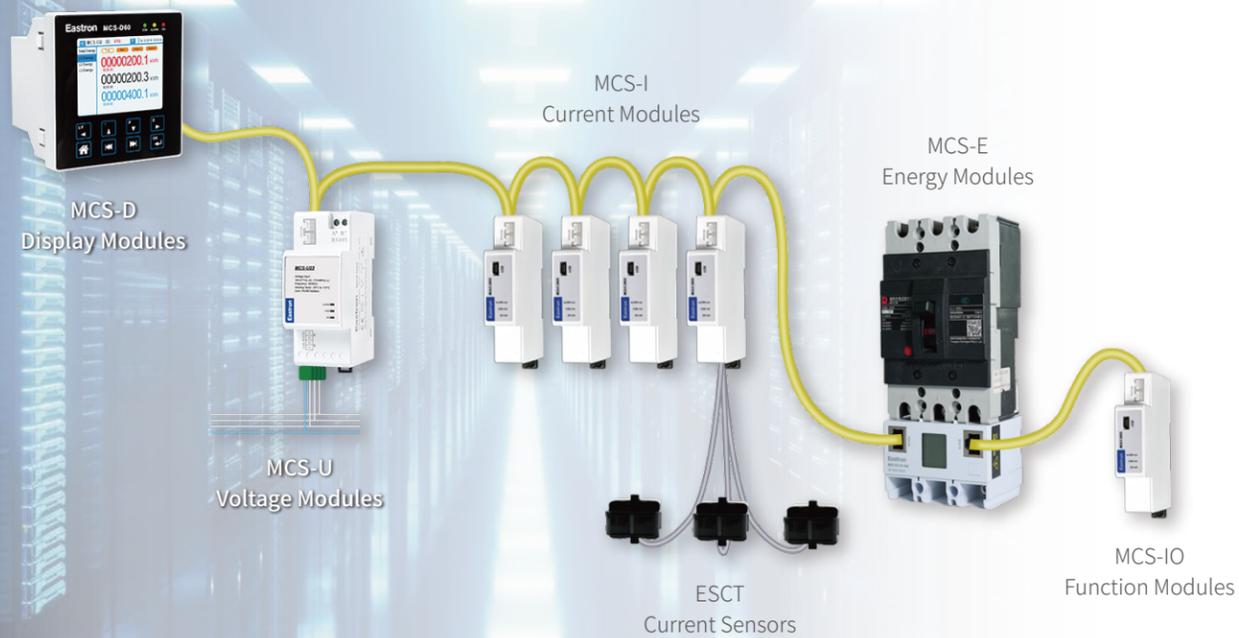
SEM1 SERIES   > Single Phase

Model	Specifications	Description	Output
SEM1-M	230V/110V, 40mA	Multi-parameters, Imp & Exp,Spring Type Terminal	RS485 Modbus
SEM1-M-2	230V/110V, 40mA	Multi-parameters, Imp & Exp,Pulg-in Type Terminal	RS485 Modbus
SEM1-M-2L	230V/110V, 40mA	Multi-parameters, Imp & Exp,2 Channels Measurement	RS485 Modbus
SEM1-WL	230V/110V, 40mA	Multi-parameters, Imp & Exp,Spring Type Terminal	RS485 Modbus+Wi-Fi(Built-in antenna)
SEM1-WL-2	230V/110V, 40mA	Multi-parameters, Imp & Exp,Pulg-in Type Terminal	RS485 Modbus+Wi-Fi(External antenna)
SEM1-WL-2L	230V/110V, 40mA	Multi-parameters, Imp & Exp,2 Channels Measurement	RS485 Modbus+Wi-Fi(External antenna)

SEM3 SERIES   > Three Phase

Model	Specifications	Description	Output
SEM3-M	3x230V/400V,40mA	Multi-parameters, Imp & Exp,Spring Type Terminal	RS485 Modbus
SEM3-M-2	3x230V/400V,40mA	Multi-parameters, Imp & Exp,Pulg-in Type Terminal	RS485 Modbus
SEM3-M-2L	3x230V/400V,40mA	Multi-parameters, Imp & Exp,2 Channels Measurement	RS485 Modbus
SEM3-WL	3x230V/400V,40mA	Multi-parameters, Imp & Exp,Spring Type Terminal	RS485 Modbus+Wi-Fi(Built-in antenna)
SEM3-WL-2	3x230V/400V,40mA	Multi-parameters, Imp & Exp,Pulg-in Type Terminal	RS485 Modbus+Wi-Fi(External antenna)
SEM3-WL-2L	3x230V/400V,40mA	Multi-parameters, Imp & Exp,2 Channels Measurement	RS485 Modbus+Wi-Fi(External antenna)

SEM5 SERIES   > Three Phase

Model	Specifications	Description	Output
SEM5	3x230V/400V,40mA	Multi-parameters, Imp & Exp,Pulg-in Type Terminal	LoRa+Wi-Fi
SEM5-2	3x230V/400V,40mA	Multi-parameters, Imp & Exp,Pulg-in Type Terminal	RS485 Modbus+LoRa+Ethernet
SEM5-5	3x230V/400V,40mA	Multi-parameters, Imp & Exp,Pulg-in Type Terminal	RS485 Modbus+LoRa+Wi-Fi+Ethernet

SDM18 SERIES   > Single Phase

Model	Specifications	Description	Output
SDM18-M	230V, 0.5~10(100)A	Multi-parameters, Imp&Exp	RS485 Modbus
SDM18-MB	230V, 0.5~10(100)A	Multi-parameters, Imp&Exp	Mbus

SDM120 SERIES   > Single Phase

Model	Specifications	Description	Output
SDM 120-A	230V/110V,0.15~5(45)A,Analog	Active Energy(kWh)	Pulse Output
SDM 120-D/-DB	230V/110V,0.15~5(45)A	Active Energy(kWh)	Pulse Output
SDM 120-P	230V/110V,0.15~5(45)A	Multi-parameters, Imp & Exp	2 Pulse Outputs
SDM 120-M	230V/110V,0.15~5(45)A	Multi-parameters, Imp & Exp	RS485 Modbus+2 Pulse Outputs
SDM 120-MB	230V/110V,0.15~5(45)A	Multi-parameters, Imp & Exp	Mbus + 2 Pulse Outputs

SDM120CT SERIES   > Single Phase

Model	Specifications	Description	Output
SDM 120CTM	230V/110V,0.05~5(6)A	Multi-parameters, Imp & Exp	RS485 Modbus+2 Pulse Outputs
SDM 120CTP	230V/110V,0.05~5(6)A	Multi-parameters, Imp & Exp	2 Pulse Output
SDM 120CT-MB	230V/110V,0.05~5(6)A	Multi-parameters, Imp & Exp	Mbus+2 Pulse Outputs
SDM 120CT-mA/mV	230V/110V,100mV,100mA,40mA	Multi-parameters, Imp & Exp	RS485 Modbus+2 Pulse Outputs
SDM 120CT-M	230V/110V ,1~20(100)A	Multi-parameters, Imp & Exp	RS485 Modbus+2 Pulse Outputs
SDM 120CT-RJ	230V/110V,100mA CT	Multi-parameters, Imp & Exp	RS485 Modbus

SDM210 SERIES   > Single Phase

Model	Specifications	Description	Output
SDM210DR	230V, 0.5~10(100)A	Active Energy+Power	Pulse Output
SDM210-M	230V, 0.5~10(100)A	Multi-parameters, Imp & Exp	RS485 Modbus+2 Pulse Outputs

SDM220 SERIES   > Single Phase

Model	Specifications	Description	Output
SDM220Modbus	230V, 0.25~5(100)A	Multi-parameters, Imp & Exp	RS485 Modbus+2 Pulse Outputs
SDM220MT	230V, 0.25~5(100)A	Multi-parameters, Imp & Exp, Multi-tariffs	RS485 Modbus+2 Pulse Outputs

SDM230 SERIES   > Single Phase

Model	Specifications	Description	Output
SDM230A	230V/110V,0.5~10(100)A,Analog	Active Energy(kWh)	Pulse Output
SDM230D	230V/110V,0.5~10(100)A	Active Energy(kWh)	Pulse Output
SDM230-M	230V/110V,0.3~10(100)A	Multi-parameters, Imp & Exp	RS485 Modbus+2 Pulse Outputs
SDM230-MB	230V/110V,0.3~10(100)A	Multi-parameters, Imp & Exp	Mbus+2 Pulse Outputs
SDM230-P	230V/110V,0.3~10(100)A	Multi-parameters, Imp & Exp	2 Pulse Outputs
SDM230Std	230V/110V,0.3~10(100)A	Active Energy(kWh), Imp & Exp	RS485 Modbus+2 Pulse Outputs
SDM230-2T	230V/110V,0.3~10(100)A	Multi-parameters, Imp & Exp, 2Tariffs(Dual Power Source)	RS485 Modbus+2 Pulse Outputs+2 Tariffs
SDM230-MB-2T	230V/110V,0.3~10(100)A	Multi-parameters, Imp & Exp, 2Tariffs(Dual Power Source)	Mbus+2 Pulse Outputs+2 Tariffs
SDM230-NMI-2	230V/110V,0.3~10(100)A	Multi-parameters, Imp & Exp	2 RS485 Modbus
SDM230-DI	230V/110V,0.3~10(100)A	Multi-parameters, Imp & Exp	RS485 Modbus+2 Digital Inputs
SDM230-WIFI	230V/110V,0.3~10(100)A	Multi-parameters, Imp & Exp	Wi-Fi+2 Pulse Outputs
SDM230-LR	230V/110V, 0.3~10(100)A	Multi-parameters, Imp & Exp	LoRaWAN+2 Pulse Outputs

SDM320 SERIES > Single Phase

Model	Specifications	Description	Output
SDM320Y-D	230V,0.5~10(100)A	Active Energy(kWh)	Pulse Output
SDM320E	230/110V, 0.5~10(100)A	Active Energy(kWh),2P3W	Pulse Output
SDM320Y-RF	230V,0.5~10(80)A	Multi-parameters, Imp & Exp, Prepaid(RF)	RS485 Modbus
SDM320C	230/110V 0.5~10(100)A	Multi-parameters, Imp & Exp, Post-paid	RS485 Modbus+ Pulse Output
SDM320Y	230/110V 0.5~10(100)A	Multi-parameters, Imp & Exp, Prepaid	RS485 Modbus+ Pulse Output
SDM320C-MT	230/110V 0.5~10(100)A	Multi-parameters, Imp & Exp+Mulit tariffs, Post-paid	RS485 Modbus + Pulse Output
SDM320Y-MT	230/110V 0.5~10(100)A	Multi-parameters, Imp & Exp+Mulit tariffs, Prepaid	RS485 Modbus + Pulse Output
SDM320C-DI	230V,0.5~10(100)A	Multi-parameters, Imp & Exp	RS485 Modbus +Digital Input
SDM320C-LR	230V,0.25~5(100)A	Multi-parameters, Imp & Exp	LoRaWAN +Digital Input

SDM72 CT SERIES > Three Phase

Model	Specifications	Description	Output
SDM72CT-D	3X230/400V,0.05~5(6)A	Active Energy(kWh)	Pulse Output
SDM72CT-Bi	3X230/400V,0.05~5(6)A	Imp & Exp, Resettable	Pulse Output
SDM72CT-DR	3X230/400V,0.05~5(6)A	Active Energy(kWh), W	Pulse Output
SDM72CT-M	3X230/400V,0.05~5(6)A	Multi-parameters, Imp & Exp	RS485 Modbus +2 Pulse Outputs
SDM72CT-M-2T	3X230/400V,0.05~5(6)A	Multi-parameters, Imp & Exp, 2 Tariffs(Dual Power Source)	RS485 Modbus +2 Pulse Outputs +2 Tariffs

SDM72 SERIES > Three Phase

Model	Specifications	Description	Output
SDM72D	3X230/400V,0.5~10(100)A	Active Energy(kwh)	Pulse Output
SDM72DR	3X230/400V,0.5~10(100)A	Active Energy(kWh), W, Resettable	Pulse Output
SDM72BI	3X230/400V,0.5~10(100)A	Active Energy(kWh), W, Imp & Exp, Resettable	Pulse Output
SDM72D-M	3X230/400V,0.5~10(100)A	Multi-parameters, Imp & Exp, Resettable	RS485 Modbus +Pulse Output
SDM72D-M-2T	3X230/400V,0.5~10(100)A	Multi-parameters, Imp & Exp, 2Tariffs (Dual Power Source)	RS485 Modbus + Pulse Output+ 2 Tariffs
SDM72-P	3X230/400V,0.5~10(100)A	Multi-parameters, Imp & Exp, Resettable	Pulse Output
SDM72-P-2T	3X230/400V,0.5~10(100)A	Multi-parameters, Imp & Exp, 2Tariffs (Dual Power Source)	Pulse Output+2 Tariffs

SDM630 100A SERIES > Three Phase

Model	Specifications	Description	Output
SDM630-P	3X230/400V,0.3~10(100)A	Multi-parameters, Imp & Exp	2 Pulse Outputs
SDM630-M	3X230/400V,0.3~10(100)A	Multi-parameters, Imp & Exp	RS485 Modbus +2 Pulse Outputs
SDM630-MB	3X230/400V,0.3~10(100)A	Multi-parameters, Imp & Exp	Mbus +2 Pulse Outputs
SDM630-MT	3X230/400V,0.3~10(100)A	Multi-parameters, Imp & Exp, Multi-Tariffs（RTC)	RS485 Modbus +2 Pulse Outputs
SDM630-2T	3X230/400V,0.3~10(100)A	Multi-parameters, Imp & Exp,2 Tariffs (Dual Power Source)	RS485 Modbus +2 Pulse Outputs + 2 Tariffs
SDM630-MB-2T	3X230/400V,0.3~10(100)A	Multi-parameters, Imp & Exp, 2 Tariffs (Dual Power Source)	Mbus + 2 Pulse Outputs + 2Tariffs
SDM630-TCP	3X230/400V,0.3~10(100)A	Multi-parameters, Imp & Exp	Ethernet Modbus TCP
SDM630-WIFI	3X230/400V,0.3~10(100)A	Multi-parameters, Imp & Exp	Wi-Fi + 2 Pulse Outputs
SDM630-DI	3X230/400V,0.3~10(100)A	Multi-parameters, Imp & Exp	RS485 Modbus + 2 Digital Inputs
SDM630-EV V2	3X230/400V,0.3~10(100)A	Multi-parameters, Imp & Exp, OCMF	2 RS485 Modbus +2 Pulse Outputs

SDM630 100A V3 SERIES > Three Phase

Model	Specifications	Description	Output
SDM630-Modbus V3	3X230/400V,0.5~10(100)A	Multi-parameters, Imp&Exp	RS485 Modbus+2 Pulse Outputs
SDM630M-DI V3	3X230/400V,0.5~10(100)A	Multi-parameters, Imp&Exp	RS485 Modbus+2 Digital Inputs
SDM630-2T V3	3X230/400V,0.5~10(100)A	Multi-parameters, Imp&Exp, 2 Tariffs(Dual Power Source)	RS485 Modbus+2 Pulse Outputs+ 2 Tariffs

SDM630 MCT SERIES > Three Phase

Model	Specifications	Description	Output
SDM630MCT	3X230/400V,1A or 5A	Multi-parameters, Imp & Exp	RS485 Modbus+2 Pulse Outputs
SDM630MCT-MB	3X230/400V,1A or 5A	Multi-parameters, Imp & Exp	Mbus+2 Pulse Outputs
SDM630MCT-2T	3X230/400V,1A or 5A	Multi-parameters, Imp & Exp, 2 Tariffs(Dual Power Source)	RS485 Modbus+2 Pulse Outputs+2 Tariffs
SDM630MCT-MT	3X230/400V,1A or 5A	Multi-parameters, Imp & Exp, Multi-Tariffs（RTC)	RS485 Modbus+2 Pulse Outputs
SDM630MCT-MB-2T	3X230/400V,1A or 5A	Multi-parameters, Imp & Exp, 2 Tariffs(Dual Power Source)	Mbus + 2 Pulse Outputs+2 Tariffs
SDM630MCT-DI	3X230/400V,1A or 5A	Multi-parameters, Imp & Exp	RS485 Modbus+2 Digital Inputs
SDM630MCT-TCP	3X230/400V,1A or 5A	Multi-parameters, Imp & Exp	Ethernet Modbus TCP
SDM630MCT-MV/mA	3X230/400V, 333mV,40mA,100mA	Multi-parameters, Imp & Exp	RS485 Modbus+2 Pulse Outputs
SDM630MCT-RC	3X230/400V,Rogowski Coil	Multi-parameters, Imp & Exp	RS485 Modbus+2 Pulse Outputs
SDM630MCT-LR	3x230/400V, 1A or 5A	Multi-parameters, Imp & Exp	LoRaWAN+2 Pulse Outputs

SDM630 MCT-ML SERIES > Multi-circuits

Model	Specifications	Description	Output
SDM630MCT-ML-1	3x230/400V, 100mA or 100mV	Multi-parameters, Imp & Exp, Single Load	RS485 Modbus
SDM630MCT-ML-2	3x230/400V, 100mA or 100mV	Multi-parameters, Imp & Exp, Dual Load	RS485 Modbus
SDM630MCT-ML-3	3x230/400V, 100mA or 100mV	Multi-parameters, Imp & Exp, Tri-Load	RS485 Modbus
SDM630MCT-ML-4	3x230/400V, 100mA or 100mV	Multi-parameters, Imp & Exp, Quad Load	RS485 Modbus
SDM630MCT-ML-TCP	3x230/400V, 100mA or 100mV	Multi-parameters, Imp & Exp, Quad Load	Ethernet Modbus TCP

SDM54 SERIES > Three Phase

Model	Specifications	Description	Output
SDM54-M	3X230/400V,0.5~10(100)A	Multi-parameters, Imp & Exp	RS485 Modbus+2 Pulse Outputs
SDM54-MB	3X230/400V,0.5~10(100)A	Multi-parameters, Imp & Exp	Mbus+2 Pulse Outputs
SDM54-2T	3X230/400V,0.5~10(100)A	Multi-parameters, Imp & Exp, 2 Tariffs (Dual Power Source)	RS485 Modbus+2 Pulse Outputs+2 Tariffs
SDM54-DI-2T	3X230/400V,0.5~10(100)A	Multi-parameters, Imp & Exp, 2 Tariffs (Dual Power Source)	RS485 Modbus+2 Digital Inputs+2 Tariffs
SDM54-DM	3X230/400V, 0.5~5(45)A	Multi-parameters, Imp & Exp	RS485 Modbus
SDM54-EV	3X230/400V, 0.5~5(45)A	Multi-parameters, Imp & Exp, OCMF	RS485 Modbus

SDM530 SERIES   >   Three Phase

Model	Specifications	Description	Output
SDM530C	3X230/400V,0.25~5(100)A	Multi-parameters, Imp & Exp, Built-in relay	RS485 Modbus+Pulse Output
SDM530Y	3X230/400V,0.25~5(100)A	Multi-parameters, Imp & Exp, Prepaid	RS485 Modbus+Pulse Output
SDM530-MT	3X230/400V,0.25~5(100)A	Multi-parameters, Imp & Exp, 4 Tariffs(RTC), Built-in relay	RS485 Modbus+Pulse Output
SDM530Y-MT	3X230/400V,0.25~5(100)A	Multi-parameters, Imp & Exp, 4 Tariffs(RTC),Prepaid	RS485 Modbus+Pulse Output
SDM530-LR	3X230/400V,0.25~5(100)A	Multi-parameters, Imp & Exp, Built-in relay	LoRaWAN+Pulse Output

REMOTE CONTROL SERIES   >   Prepayment

Model	Specifications	Description	Output
SDM320C	110/230V,0.25~5(100)A	Multi-parameters, Imp & Exp, Multi-Tariffs	RS485 Modbus+Pulse Output
SDM320C-MT	110/230V,0.25~5(100)A	Multi-parameters, Imp & Exp, Multi-Tariffs	RS485 Modbus+Pulse Output
SDM320Y	110/230V, 0.25~5(100)A	Multi-parameters, Imp & Exp, Prepaid, Multi-Tariffs	RS485 Modbus+Pulse Output
SDM320Y-MT	110/230V,0.25~5(100)A	Multi-parameters, Imp & Exp, Prepaid, Multi-Tariffs	RS485 Modbus+Pulse Output
SDM320C-DI	110/230V,0.25~5(100)A	Multi-parameters, Imp & Exp, Built-in relay	RS485 Modbus+Digital Input
SDM320C-LR	110/230V,0.25~5(100)A	Multi-parameters, Imp & Exp, Built-in relay	LoRaWAN+Digital Input

Model	Specifications	Description	Output
SDM530C	3X230/400V,0.25~5(100)A	Multi-parameters, Imp & Exp, Built-in relay	RS485 Modbus+Pulse Output
SDM530C-MT	3X230/400V,0.25~5(100)A	Multi-parameters, Imp & Exp, Built-in relay	RS485 Modbus+Pulse Output
SDM530Y	3X230/400V,0.25~5(100)A	Multi-parameters, Imp & Exp, Prepaid	RS485 Modbus+Pulse Output
SDM530Y-MT	3X230/400V,0.25~5(100)A	Multi-parameters, Imp & Exp, Prepaid	RS485 Modbus+Pulse Output
SDM530-LR	3X230/400V,0.5~10(100)A	Multi-parameters, Imp & Exp, Built-in relay	LoRaWAN+Pulse Output

DC METER SERIES   >   DC Meter

Model	Specifications	Description	Output
DCM230-2 MID	100~1000V DC,75mV shunt	Multi-parameters, Imp & Exp	RS485 Modbus+Pulse Output
DCM230-2-ETL	100~1000V DC,75/60mV shunt	Multi-parameters, Imp & Exp	RS485 Modbus+Pulse Output
DCM232	5~1000V DC,75/60/45mV shunt	Multi-parameters, Imp & Exp, 2 Channel	2 RS485 Modbus+2 Pulse Outputs

Model	Specifications	Description	Output
DCM6-650	5~1000V DC,650A	Multi-parameters, Imp & Exp,OCMF, 4 Wire system	2 RS485 Modbus
DCM6-200	5~1000V DC,200A	Multi-parameters, Imp & Exp,OCMF, 4 Wire system	2 RS485 Modbus
DCM-D	9~40V DC (MID) ,12-36V(LNE)	Display the energy meter's values	RS485+Ethernet Modbus TCP+Bluetooth

MULTI CIRCUIT MONITORING SOLUTION   >   MCS

Model	Specifications	Description
MCS-D50	85-276V AC Power supply	Graphical display, RS485 Modbus, Ethernet, Modbus TCP
MCS-D60	85-276V AC Power supply	Graphical display, RS485 Modbus, Ethernet, Web server

Model	Specifications	Description
MCS-U22	100~277V AC L-N, 173~480V AC L-L	Voltage, Frequency, THD-u, Alarm, RS485 Modbus
MCS-U23	100~277V AC L-N, 173~480V AC L-L	Voltage, Frequency, THD-u, Alarm, RS485 Modbus

Model	Specifications	Description
MCS-I30	1Φ or 3Φ RJ12 CT,100mV	Multi-parameters
MCS-I31	1Φ or 3Φ RJ12 CT,100mV	Multi-parameters, THD
MCS-I32	1Φ or 3Φ RJ12 CT,100mV	Multi-parameters, THD, Demand, Alarm

Model	Specifications	Description
MCS-E3-13	0.4~20(100)A	Multi-parameters, THD,Demand,Alarm
MCS-E3-16	0.5~25 (125) A	Multi-parameters, THD,Demand,Alarm
MCS-E3-21	1~50 (250) A	Multi-parameters, THD,Demand,Alarm

Model	Specifications	Description
MCS-IO-10	12-48VDC/12-24VAC, 50mA	4 Digital Inputs,2 Digital Outputs, Multi-parameters alarm
MCS-IO-20	0/4-20mA, 200 Ω Max	2 Analog Inputs

SMART X96-5S SERIES   > Three Phase

Model	Specifications	Description	Output
Smart X96-5S	3x230/400V,1A or 5A 5A CT, 3P3W/3P4W	Multi-parameters, SOE, Waveform logging, TOU	RS485 Modbus+Ethernet+4DI, 2DO
Smart X96-5S-L	3x230/400V, 5A CT, 3P3W/3P4W	Multi-parameters, SOE, Waveform logging, TOU, Temperature/Residual current detection	RS485 Modbus+Ethernet+4DI, 2DO

SMART X96 SERIES   > Three Phase

Model	Specifications	Description	Output
Smart X96-1A	3x230/400V, 100mA RJ12 CT 3P4W, 3P3W, 2P3W,1P2W	85 electric parameters measured; Class 0.5s; 2~63rd THD; self-power supply	RS485 Modbus+2Pulse Outputs
Smart X96-1A-MT	3x230/400V, 100mA RJ12 CT 3P4W, 3P3W, 2P3W, 1P2W	85 electric parameters measured: Class 0.5s;2~63 rd THD; self-power supply; Multi-tariffs	RS485 Modbus+2Pulse Outputs
Smart X96-5A	3x230/400V 1A or 5A 3P4W, 3P3W, 2P3W,1P2W	85 electric parameters measured; Class 0.5s;2~63rd THD; self-power supply	RS485 Modbus+2Pulse Outputs
Smart X96-5A-MT	3x230/400V, 1A or 5A 3P4W, 3P3W, 2P3W,1P2W	85 electric parameters measured; Class 0.5s,2~63rd THD; self-power supply; Multi-tariffs	RS485 Modbus+2Pulse Outputs

SMART X96-5 SERIES   > Three Phase

Model	Specifications	Description	Output
Smart X96-5P	3x230/400V 1A or 5A 3P4W, 2P3W,1P2W	Multi-parameters,Class 1.0/0.5s; Aux.power supply	Pulse Output
Smart X96-5F	3x230/400V, 1A or 5A 3P4W, 3P3W, 2P3W, 1P2W	85 electric parameters measured; Class 1.0/0.5s/0.2s; 2~63rd THD; Aux.power supply	RS485 Modbus
Smart X96-5G	Same as Model"F"	Model"F" +4DI and 2DO	RS485 Modbus+DI/DO
Smart X96-5H	Same as Model"F"	Model"F" +Ethernet, Modbus RTU	RS485 Modbus+Modbus TCP
Smart X96-5I	Same as Model"F"	Model"F" +Ethernet+4DI and 2DO	RS485 Modbus+Ethernet+4DI,2DO
Smart X96-5J	Same as Model"I"	Model"I" +Ethernet Gateway(RTU to TCP),+4 DI and 2DO	RS485 Modbus+Ethernet+4DI,2DO
Smart X96-3RC	3X230/400V,Rogowski Coi 3P4W, 3P3W, 2P3W,1P2W	85 electric parameters measured; CT&PT programmable; Class 1.0/0.5s/; Aux.power supply	RS485 Modbus

SMART X835 SERIES   > Three Phase

Model	Specifications	Description	Output
Smart X835B	3x230/400V,1A/5A 3P4W,3P3W,1P2W	Multi-parameters;CT&PT programmable; Class 1.0/0.5s;2~63rd THD;Aux.powersupply	RS485 Modbus+2 Pulse Outputs
SmartX835-AO	3x230/400V,1A/5A 3P4W,3P3W,1P2W	Multi-parameters;CT&PT programmable; Class 1.0/0.5s;2AO;2~63rd THD;Aux.powersupply	RS485 Modbus+2AO +2 Pulse Outputs
Smart X835 DIO	3x230/400V,1A/5A 3P4W,3P3W,1P2W	Multi-parameters:CT&PT Porogrammable: Class 1.0/0 5s;200;2DI;2~63rd THD;Aux.powersupply	RS485 Modbus+2DI/DO +2 Pulse Outputs

SMART CONNECT X835 SERIES   > Three Phase

Model	Specifications	Description	Output
Smart Connect X835 CT	3x230/400V,1A or 5A	Multi-parameters, Class 1.0 /0.5s ,63rd THD	RS485 Modbus+2 Pulse Outputs
Smart Connect X835 MV	3x230/400V,333mV CT	Multi-parameters, Class 1.0 /0.5s ,63rd THD	RS485 Modbus+2 Pulse Outputs

SMART X72 SERIES   > Three Phase

Model	Specifications	Description	Output
Smart X72-5F	3x230/400V 1A or 5A 3P4W, 3P3W, 2P3W,1P2W	85 electric parameters measured; CT&PT programmable; Class1.0/0.5s; 2~63rd THD; Aux.power supply;	RS485 Modbus
Smart X72-5G	Sameas Model"F"	Model"F"+4DI and 2DO	RS485 Modbus+DI/DO

P1 SERIES   > P1

Model	Specifications	Description	Output
P1	5V,2A	Measured V, A, kW, kWh, Support SDMR4.x/5.0	P1+Wi-Fi

IR1 SERIES   > IR1

Model	Specifications	Description	Output
IR1	5V,2A	Measured V, A, kW, kWh, PF, Hz, SML protocol	Infrared+Wi-Fi

ESP-2 SERIES   > Gateway

Model	Description	Power Supply
ESP-2100	1xRS485 Modbus to Ethernet Modbus TCP	5~36V DC
ESP-2200	2xRS485 Modbus to Ethernet Modbus TCP	5~36V DC
ESP-2400	4xRS485 Modbus to Ethernet Modbus TCP	9~48V DC
ESP-2800	8xRS485 Modbus to Ethernet Modbus TCP	9~48V DC
ESP-2120	1xMbus to Ethernet Modbus RTU	9~48V DC

ESP-4 SERIES   > Gateway

Model	Description	Power Supply
ESP-4104	RS485 Modbus RTU to Wi-Fi/Ethernet Modbus RTU	9~24V DC

ESP-5 SERIES | > Gateway

Model	Input	Power Supply
ESP-5100	RS485 to 3G/4G Ethernet	9~24V DC
ESP-5305	RS485 to 3G/4G Ethernet	9~24V DC

DIN RAIL SERIES | > Gateway

Model	Description	Power Supply
ESP-W11	RS485 to Wi-Fi, Din Rail Mounting	100~240V AC@50~60Hz/9~48V DC@1A
ESP-E11	RS485 to Ethernet Modbus TCP	24V DC;220V AC
ESP-G41	RS485 to 2G/3G/4G	9~48V DC;100~240V AC

LORA SERIES | > Gateway

Model	Description	Power Supply
ESP-65	LoRaWan	9~24V DC/1x802.3 af PoE Input
ESP-1152	RS485 to LoRaWan	5~24V DC

ESCT-T SERIES | > Split Core CT

Model	Primary Current	Secondary	Accuracy
ESCT-T24	100,150,200,250,300A	1A or 5A	0.5/1
ESCT-T36	100,150,200,300,400,500,600A	1A or 5A	0.5/1
ESCT-T50	100,150,200,300,400,500,600,630,800A	1A or 5A	0.5/1

ESCT-TA SERIES | > Split Core CT

Model	Primary Current	Secondary	Accuracy
ESCT-TA10	5,10,20,50,75A	100mA/40mA	0.5/1
ESCT-TA16	5,10,50,100,150A	100mA/40mA	0.5/1
ESCT-TA24	10,50,100,250,300A	100mA/40mA	0.5/1
ESCT-TA36	20,100,250,400,600 A	100mA/40mA	0.5/1
ESCT-TA50	800,900,1000,1200A	100mA/40mA	0.5/1

ESCT-TU SERIES | > Split Core CT

Model	Primary Current	Secondary	Accuracy
ESCT-TU10	5,10,20,50,75A	333mV/100mV	0.5/1
ESCT-TU16	5,10,50,100,150A	333mV/100mV	0.5/1
ESCT-TU24	10,50,100,250,300A	333mV/100mV	0.5/1
ESCT-TU36	20,100,250,400,600A	333mV/100mV	0.5/1
ESCT-TU50	800,900,1000,1200A	333mV/100mV	0.5/1

ESCT-U SERIES | > Split Core CT

Model	Primary Current	Secondary	Accuracy
ESCT-U75	5,10,50,75,100,125,150,200 A	100mA/100mV/333mV	0.5/1
ESCT-U125	50,100,200,250,400,600,630A	100mA/100mV/333mV	0.5/1
ESCT-U200	100,125,250,400,630,800,1000,2000A	100mA/100mV/333mV	0.5/1
ESCT-U300	400,800,1000,1500,2500,3000A	100mA/100mV/333mV	0.5/1

ESCT-B SERIES | > Split Core CT

Model	Primary Current	Secondary	Accuracy
ESCT-B23	100,150,200,250,300,400A	5A/1A	0.5/1
ESCT-B58	250,300,400,500,600,750,800,1000A	5A/1A	0.5/1
ESCT-B812	500,600,750,800,1000,1200,1250,1500A	5A/1A	0.5/1
ESCT-B816	1000,1500,2000,2500 3000,4000，5000，6000A	5A/1A	0.5/1

ESCT-D24 CLAMP SERIES | > Split Core CT

Model	Primary Current	Secondary	Accuracy
ESCT-D24 (L1)	200A	40mA	0.5
ESCT-D24 (L2)	200A	40mA	0.5
ESCT-D24 (PV)	200A	40mA	0.5
ESCT-D24 (4 IN 1)	50,200A	10mA/40mA	0.5

ESCT-RJ-1 SERIES | > SPLIT CORE CT

Model	Primary Current	Secondary	Accuracy
ESCT-RJ16	5,10,50,100,150A	100mA/100mV/333mV	0.5/1
ESCT-RJ24	10,50,100,250, 300A	100mA/100mV/333mV	0.5/1
ESCT-RJ36	20,100,250，400，500，600，700，800A	100mA/100mV/333mV	0.5/1
ESCT-RJ50	200,250,300,400,500,600,700,800,1000,1200A	100mA/100mV/333mV	0.5/1

ESCT-RJ-3 SERIES(3-IN-1) > Split core

Model	Primary Current	Secondary	Accuracy
ESCT-RJ10-3	5,10,30,50,63,75A	100mA/100mV/333mV	0.5/1
ESCT-RJ16-3	50,63,100,125,150A	100mA/100mV/333mV	0.5/1
ESCT-RJ24-3	100,125,150,160,200,250,400A	100mA/100mV/333mV	0.5/1
ESCT-RJ36-3	200,250,300,400,600,630A	100mA/100mV/333mV	0.5/1
ESCT-RJ50-3	200,250,300,400,500,600,700,800A	100mA/100mV/333mV	0.5/1

ESCT-3RJ SERIES(3-IN-1) > Split core

Model	Primary Current	Secondary	Accuracy
ESCT-RJ325	60,63,100,120,125,150,160,200A	100mA/100mV/333mV	0.5/1
ESCT-RJ335	63,125,150,200,250A	100mA/100mV/333mV	0.5/1
ESCT-RJ345	250,300,400,500,600,630A	100mA/100mV/333mV	0.5/1
ESCT-RJ370	400,500,600,630，800，1000A	100mA/100mV/333mV	0.5/1

ESCT-C SERIES > 3-In-1

Model	Primary Current	Secondary	Accuracy
ESCT-C325	60,100,125,150,200A	5A	0.5/1
ESCT-C335	100,125,150,160,200,250A	5A	0.5/1
ESCT-C345	250,300,400,500,600,630A	5A	0.5/1

ESCT-SC SERIES > 3-In-1

Model	Primary Current	Secondary	Accuracy
ESCT-SC325	60,100,125,150,300A	1A	0.5/1
ESCT-SC335	100,125,150,300,160,200,250A	1A	0.5/1
ESCT-SC345	250,300,400,500,600,630A	1A	0.5/1

ESCT-ABO SERIES > Solid Core

Model	Primary Current	Secondary	Accuracy
ESCT-ABO30	50,60,75,100 150,200,250,300A	5A	0.55/0.5
ESCT-ABO40	75,80,100,150,200,250,300,400,500A	5A	0.55/0.5
ESCT-ABO60	200,250,300,400,500,600,750,800,1000A	5A	0.55/0.5
ESCT-ABO100	800,1000,1200,1500,1600,2000,2500,3000A	5A	0.55/0.5

ESCT-DM SERIES > Solid Core

Model	Primary Current	Secondary	Accuracy
ESCT-DM20/30	50,60,75,80,100,120,150,200,250,300 A	5A	1
ESCT-DM20/35	50,60,75,80,100.120,150,200,250,300 A	5A	1

ESCT-RC SERIES > Rogowski Coil

Model	Window Size A	Window Size B	Secondary	Accuracy
ESCT-RC16	22mm	16mm	50mV/kA, (Customizable)	0.5
ESCT-RC24	27.5mm	24mm	50mV/kA	0.5
ESCT-RC36	36mm	37mm	50mV/KA	0.5
ESCT-RC45	65mm	45mm	85mV/kA	0.5
ESCT-RC60	60mm	50mm	85mV/kA	0.5
ESCT-RC100	135mm	100mm	85mV/kA	0.5
ESCT-RC105	105mm	100mm	85mV/kA	0.5
ESCT-RC150	165mm	150mm	85mV/kA	0.5
ESCT-RC200	240mm	200mm	85mV/kA	0.5
ESCT-RC240	245mm	240mm	85mV/kA	0.5
ESCT-RC-RJ12 Series	Refer to the actual coil	Refer to the actual coil	mA / mV	0.5

ESCT-RCI SERIES > Integrator

Model	Specification	Secondary	Power Supply
ESCT-RCI-01	Single Phase	1A	12V DC
ESCT-RCI-03	Three Phase	333mV	12/24V DC
ESCT-RCI-A01	Three Phase	1A	12V DC
ESCT-RCI-A05	Single Phase	5A	24V DC
ESCT-RCI-S9.1	Single Phase	333mV	5V DC

IB1-63 SERIES > Circuit Breaker

Model	Specifications	Description
IB1-63B	Up to 63A,220V/110V AC	App/voice control, Timer switch
IB1-63M	Up to 63A,220V/110V AC	App/voice control, Timer switch, Monitor power consumption
IB1-63MP	Up to 63A,220V/110V AC	App/voice control, Timer switch, Monitor power consumption, Full Protection Features