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Electricity Metering Solutions

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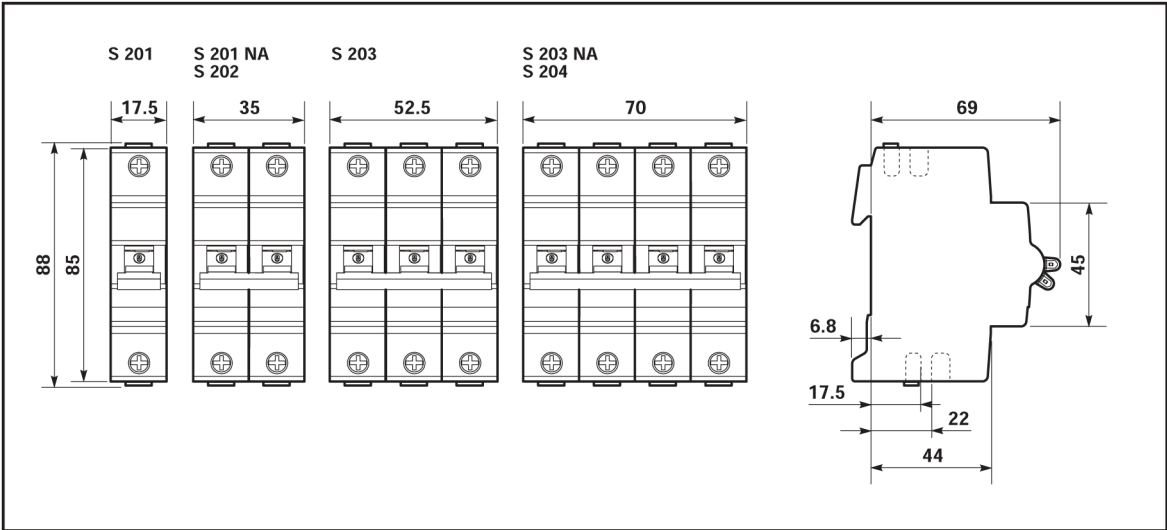
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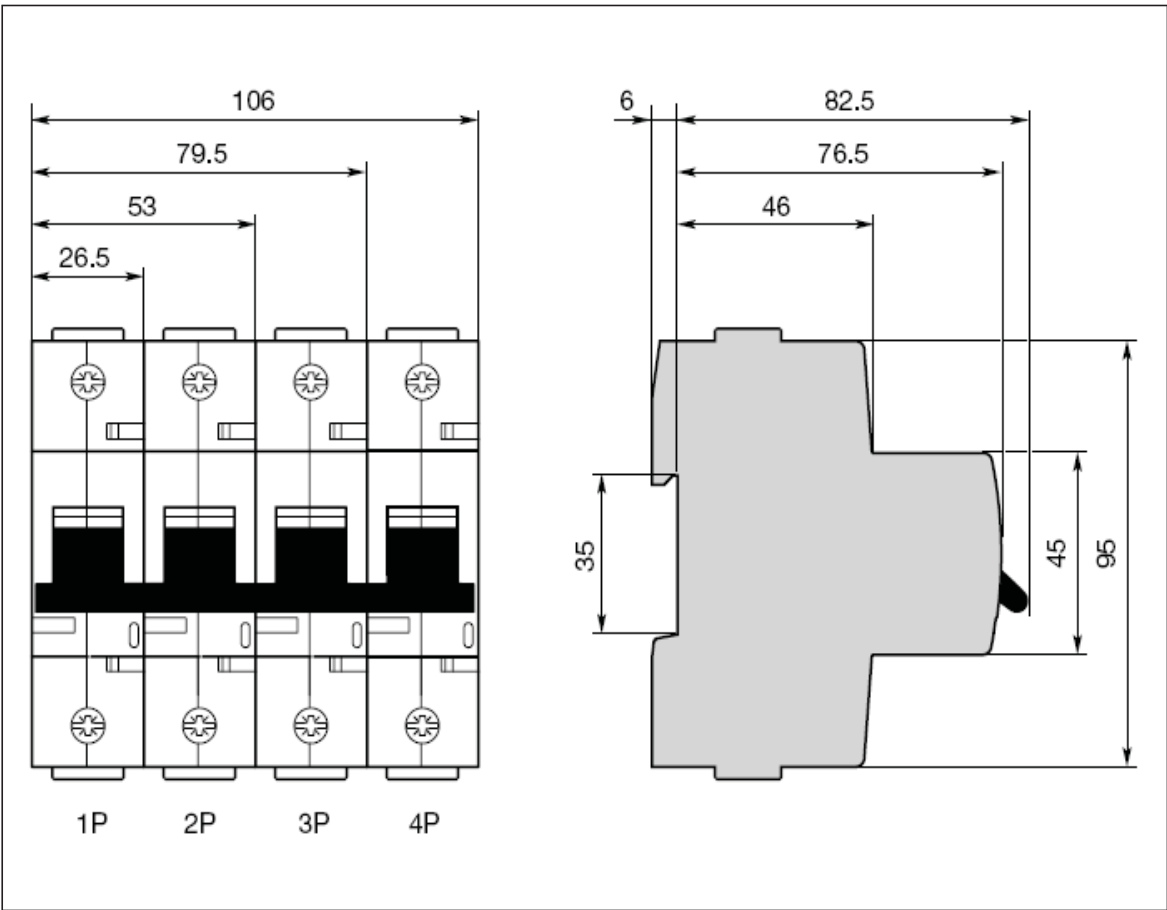
Miniature Circuit Breakers

1.24 Dimensional Drawings

S200 Series Dimentions



S800 Series Dimentions



This image shows a full page of blank graph paper. The grid consists of small, equal-sized squares formed by thin gray lines. There are 20 columns and 20 rows of squares, creating a total area of 400 square units. The background is white, and the grid lines are evenly spaced across the entire page.

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SECTION 2

Electricity Metering Solutions

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Electricity Metering & Monitoring

Electrical Energy Meters - EQ Meter Series	2.1
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Electrical Energy Meters

2.1 EQ Meter Series

Electrical Energy Meters**

Application: Buildings, both residential and commercial.

C11 Single Phase - 40A Direct Connection Electricity Meter**

Type	Order Code	Description	Connection	Tariffs	Communication	Accuracy Class
C11 110-301 Steel	2CMA103572R1000	Direct mount single phase kW/h meter	Direct Single Phase	1	1 Output - Pulse or Alarm	1

B Series kW/h Electricity Meters (Direct and CT Connected) Single Phase**

Type	Order Code	Description	Connection	Tariffs	Communication	Accuracy Class
B21 111-100 Steel	2CMA100149R1000	Direct mount single phase kW/h meter	Direct Single Phase 65A Max	1	Output - Pulse or Alarm IR Port	1
B21 312-100 Silver	2CMA100155R1000	Direct mount single phase kW/h meter With modbus and 4 tariffs	Direct Single Phase 65A Max	4	2 Input/2 Output - Pulse or Alarm IR Port / RS-485	1

B Series kW/h Electricity Meters (Direct and CT Connected) Three Phase**

Type	Order Code	Description	Connection	Tariffs	Communication	Accuracy Class
B23 111-100 Steel	2CMA100163R1000	Direct mount three phase kW/h meter	Direct Three Phase 65A Max	1	Output - Pulse or Alarm IR Port	1
B23 312-100 Silver	2CMA100169R1000	Direct mount three phase kW/h meter With modbus and 4 tariffs	Direct Three Phase 65A Max	4	2 Input/2 Output - Pulse or Alarm IR Port / RS-485	1
B24 111-100 Steel	2CMA100177R1000	CT connected three phase kW/h meter	CT Three Phase	1	Output - Pulse or Alarm IR Port	1
B24 352-100 Silver	2CMA100183R1000	CT Connected three phase kW/h meter With modbus and 4 tariffs	CT Three Phase	4	2 Input/2 Output - Pulse or Alarm IR Port / RS-485	1

A Series Electricity Meters (CT Connected) Single Phase**

Type	Order Code	Description	Connection	Tariffs	Communication	Accuracy Class
A42 552-100 Platinum	2CMA100238R1000	CT connected single phase kW/h meter With modbus and 4 tariffs	CT Single Phase	4	2 Input/2 Output - Pulse or Alarm IR Port / RS-485	1

A Series Electricity Meters (CT Connected) Three Phase**

Type	Order Code	Description	Connection	Tariffs	Communication	Accuracy Class
A44 452-100 Gold	2CMA170540R1000	CT connected three phase kW/h meter With modbus and 4 tariffs	CT Three Phase	4	2 Input/2 Output - Pulse or Alarm IR Port / RS-485	1
A44 552-100 Platinum	2CMA170545R1000	CT connected three phase kW/h meter With modbus and 4 tariffs	CT Three Phase	4	4 Input or Outputs configurable IR Port / RS-485	0.5

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Power Meters

2.2 M1M and M4M

2



M1M Multifunction Meters

Type	Order Code	Description	Communication
M1M 12	1SYG207591R4051	CT Connected Meter	
M1M 12 Modbus	1SYG207581R4051	CT Connected Meter, Modbus	Modbus



M4M Power Quality Meters

Type	Order Code	Description	Communication
M4M 30 MODBUS	2CSG274761R4051	CT Connected Meter, Modbus RTU 4 Progr. I/O	Modbus RTU
M4M 30 ETHERNET	2CSG274681R4051	CT Connected Meter, Modbus TCP/IP 4 Progr. I/O	Modbus TCP/IP
M4M 20	2CSG251151R4051	CT Connected Meter, 2 Digital out	
M4M 20 MODBUS	2CSG251141R4051	CT Connected Meter, Modbus RTU, 2 Digital out	Modbus RTU
M4M 20 ETHERNET	2CSG204471R4051	CT Connected Meter, Modbus TCP/IP, 2 Digital out	Modbus TCP/IP
M4M 20 PROFIBUS	2CSG251131R4051	CT Connected Meter, Profibus DP-V0, 2 Digital out	Profibus DP-V0
M4M 20 I/O	2CSG251161R4051	CT Connected Meter, Modbus RTU, Progr. I/O, 2 Digital out., 2 Analogue out	Modbus RTU

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Energy Management

2.3 EQmatic



Meter Communication	Type	Max. number of meters	Order Code
Modbus RTU	QA/S 4.16.1	16	2CDG110228R0011
Modbus RTU	QA/S 4.64.1	64	2CDG110229R0011
M-Bus	QA/S 3.16.1	16	2CDG110226R0011
M-Bus	QA/S 3.64.1	64	2CDG110227R0011

