



Complete on the rail

System pro M compact® a Plus in all Areas of Application

SYSTEM PRO M COMPACT® – following the successful launch of the modular DIN rail installation system that has been enthusiastically greeted and applied throughout the business community, System Pro M Compact is now fully capable of meeting the most varied applications in intelligent building installations.

The new System pro M compact® is the result of the uncompromising development of the previous System pro M. System pro M compact® offers you various manifold advantages for your

particular project. Among these are:

- Easy installation of devices as the most commonly used devices (e.g. line protection and RCDs) have 50% more front-side connection space.
- Safe installation guaranteed using protected terminal technology.
- Time saved through sophisticated installation technology of the incoming and outgoing connections.



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MINI
DELTAsingle
ODIN
DELTAplus
Serial communication
adapter





Production takes place in Nyköping. The laboratory is certified according to SS-EN/ISO/IEC 17025 (2000).
All our products are certified according to IEC 61268 and IEC 61036.

Highly qualified production and development

You can always benchmark manufacturing facilities and organisational structures. However, it is not that easy to copy human commitment and skill. This might be the reason why our meters carry more approvals than many others.

OUR FACILITY IN NYKÖPING, only one hour south of Stockholm in Sweden, is the centre for the development of our electricity meters. Our laboratory is certified (SS-EN/ISO/IEC 17025), which ensures high quality development and design. Nyköping is also where we produce all our meters. We think it is an advantage to have the factory very close to the

design department and laboratory as it makes it easier to supervise the production in order to maintain the highest quality. Most important: All our meters are certified according to IEC 61268 and IEC 61036. This is the best quality guarantee there is. That is why you can always trust the accuracy of an ABB electricity meter.



Product overview

There are four different product lines: MINI, DELTAsingle, ODIN and DELTAplus. Together they represent hundreds of configurations for different applications thanks to intelligent programming possibilities.

Meters

	MINI	DELTAsingle	ODIN	DELTAplus
One element	1 x 230 V	1 x 230 V		1 x 57 - 288 V
Two element				3 x 100 - 500 V
Three element			3 x 230/400 V	3 x 57 - 288/100 - 500 V
Direct connected	32 A	80 A	63 A	80 A
Transformer connected	5 A		5 A	1, 2, 5 A
IEC approval		•	•	•
Accuracy class	2	1	2	1, 2
Active energy	•	•	•	•
Combined active/reactive energy				•
Instrumentation				•
Tariffs		1, 2 or 4		1, 2 or 4
Internal clock		•		•
Pulse output	•	•	•	•
IR output		•	•	•
Size in modules	3	4	6	7
Inbuilt EIB communication				•
Inbuilt LON communication				•
Inbuilt M-Bus communication				•

Serial communication adapter



The DELTAsingle, ODIN and DELTAplus electricity meters have an IR output for remote reading of metered data and identity. The adapter converts the optical signals to electrical.

- DIN-rail mounting
- 2 DIN-modules
- Easy installation

The Serial Communication Adapter is constantly under development. Ask ABB for protocols/media currently available.



Easy to install even in demanding environments

Our terminal marking is known to be very easy to understand. That is one of many examples why ABB electricity meters are uncomplicated to install in all kinds of environments.



INSTALLATION SHOULD BE QUICK and uncomplicated. It is a challenge to keep this promise when the products become more advanced – but it can be done. A good example is our new DELTAplus. Some of the features are: easy programming, automatic installation check, easier to read display, quick setting of ratios, strong screws in terminal and an instruction leaflet that is easy to read.



Electricity meters are used in many applications. The installation is often done in a demanding environment. A quick and easy installation makes the work more comfortable.