Information notice on M1M series power meters (M1M 15, M1M 20, M1M 20C, M1M 30, M1M 30C)

If you are interested in purchasing, renting or leasing an ABB Connected Product this information notice ("**Notice**") provides you with information according to the Data Act (EU Regulation 2023/2854)[1].

All terms in this Notice shall have the same meaning as in the Data Act.

Should you require additional information beyond what is provided in this Notice, please do not hesitate to contact us at eu-data-act@abb.com.

Details on the Connected Product and Product Data

Connected Product	Portfolio of M1M 15-20-20C-30-30C power meters, see at this link.
Information on how to directly access and retrieve Product Data	• Beside device's display, data on the products can be collected through communication protocol **Modbus RTU** and **Modbus TCP/IP** • **Modbus RTU** communication in the M1M 15, M1M 20, M1M 20C, M1M 30, M1M 30C power meters is done on a 3-wire (A, B and Common) polarity dependent bus according to the RS-485 standard. Maximum number of meters connected to one physical bus is 247 (which is the same as the individual device address range in Modbus). • **Modbus TCP/IP** communication in the M1M 20 and M1M 30 power meters is done through RJ45 port and used for communications over TCP/IP networks, typically connecting over port 502.

1 Regulation (EU) 2023/2854 of the European Parliament and of the Council on harmonised rules on fair access to and use of data (Data Act) those terms shall have the same meaning as in that Union legislation.

Information on how to access and retrieve Product Data via a request (indirect access)	How to access and retrieve product data are described in communication manual: • Modbus communication manual and Modbus map
Information on how to delete your User account and the respective data (where a Connected Product requires login via a User account)	Not applicable - The devices do not require a user account, just password to access the display
Type of Product Data	The data are exchanged following Modbus RTU and Modbus TCP/IP protocols.
Format of Product Data	• **Modbus RTU** is a master-slave communication protocol that can support up to 247 slaves organized as a multidrop bus. The communication is half duplex. Services on Modbus are specified by function codes. The function codes are used to read or write 16-bit registers. All metering data, such as current, voltage, power, energy, THD, or firmware version, is represented by one or more such registers. For further information about the relation between register number and metering data, refer to "Modbus" map in this link. • **Modbus TCP/IP** is a master-slave (client-server) communication protocol that operates over Ethernet networks using the TCP/IP stack. It enables communication between devices such as meters, gateways and controllers. Modbus TCP/IP uses the same function codes as traditional Modbus to read or write 16-bit registers. Each device on the network is identified by its unique IP address. All data, including measurements like current, voltage, power, energy, THD, is transmitted using these standardized register structures. For further information about the relation between register number and metering data, refer to "Modbus" map in this link.
Estimated volume of Product Data	Not applicable – Data are not stored externally, only internal flash memory 2MB.
Collection frequency of Product Data	- Collection data frequency over **Modbus RTU** depends on the transmission rate that is settable at the following Baud rate: 9600, 19200, 38400, 57600, 115200 - Collection data frequency over **Modbus TCP/IP** depends on Ethernet network.
Storage place of Product Data	Inside the meter to store configuration and measurement data, no external flash memory can be used.
Intended duration of retention of Product Data	Not applicable