Information notice on D series energy meters (D11,D13)

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 Energy 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 Mbus: - Modbus communication in the D13-15 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). - M-bus is a 2-wire polarity independent bus, optimized for master-slave communication with gas, water, heat and electricity meters. Number of meters on one physically connected bus is 1-250. A bus can be extended by using a repeater.
Information on how to access and retrieve Product Data via a request (indirect access)	See info in *"Information on how to directly access and retrieve Product Data"*
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 Modubs and Mbus protocol standards. The data stored are electrical measurement data values such as energy, voltage, current, power. The Modbus protocol is specified in its entirety in Modbus Application Protocol Specification V1.1b, including all data types coming from the device. The document is available at this link. For Mbus see comments at the next point.

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.

Format of Product Data	All information can be found at this link. - Modbus 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 active energy, voltage 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 “Mapping Tables” on page – 103 of the above link. - The communication can be divided in two parts. One part is reading data from the meter and the other part is sending data to it. The data readout procedure starts when the master sends a REQ_UD2 telegram to the meter. The meter responds with a RSP_UD telegram. A typical readout is a multi-telegram readout. Some data in the meter can only be read by first sending a SND_UD followed by REQ_UD2. This is true for load profiles, demand, log files and normally for harmonics. Using SND_UD telegrams data can be sent to the meter
Estimated volume of Product Data	Not applicable – Data are not stored, just internal flash memory of 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: 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 Collection data frequency over Mbus depends on the transmission rate that is settable at the following baud rate: 300, 600, 1200, 2400, 4800, 9600
Storage place of Product Data	Not applicable - No product data is stored
Intended duration of retention of Product Data	Not applicable - No product data is stored