

## Information notice on TMD temperature control units

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)<sup>1</sup>.

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](mailto:eu-data-act@abb.com).

## Details on the Connected Product and Product Data

Connected Product	Portfolio of TMD temperature control units, see at this <a href="#">link</a> .
Information on how to directly access and retrieve Product Data	<ul style="list-style-type: none"><li>• Beside device’s display, data on the products can be collected through communication protocol <b>Modbus RTU</b></li><li>• <b>Modbus RTU</b> communication in the TMD temperature control unit is done on a 2-wire (A and B) 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).</li></ul>
Information on how to access and retrieve Product Data via a request (indirect access)	How to access and retrieve product data are described in product manuals: <ul style="list-style-type: none"><li>• <a href="#">TMD installation manual</a></li><li>• <a href="#">TMD communication manual</a></li></ul>
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 protocol.
Format of Product Data	<b>Modbus</b> 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 registers. All metering data, such as current, voltage, power 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 the links: <ul style="list-style-type: none"><li>• <a href="#">TMD installation manual</a></li><li>• <a href="#">TMD communication manual</a></li></ul>
Estimated volume of Product Data	Not applicable

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<sup>1</sup> 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.

Collection frequency of Product Data	- Collection data frequency over <b>Modbus RTU</b> depends on the transmission rate that is settable at the following Baud rate: 2400, 4800, 9600, 19200
Storage place of Product Data	Not applicable
Intended duration of retention of Product Data	Not applicable