

› Accessories for Millenium Modbus RS485 Interface

- › Modbus RTU client/server standard widely used in industry
- › Polarize or not your Modbus network according to your needs
- › The removable connector allows to unplug a product without cutting the network
- › Include End Of Line resistor
- › Direct connection with screw terminals without the need of external accessories

Modbus Interface
RS485 PModbus Interface
RS485

Selection guide		
Type	Polarization inside	Part number
Modbus RS485 P Interface	Yes	MI485P
Modbus RS485 Interface	No	MI485
Specific characteristics		
Color	Light Gray RAL 7035	
Material	Polycarbonate	
Terminal Type	Euro type terminal Wire Size: 1 x 24 to 12 Screw tightening Torque: 0.4 N. m. (3.54 lb. in)	
General & environment characteristics		
Products certification	CE, cURus	
Conformity with the EMC directive (in accordance with 2014/30/EU)	▪ IEC/EN 61000-6-1 (Residential, commercial, and light-industrial environments) ▪ IEC/EN 61000-6-2 (Industrial) ▪ IEC/EN 61000-6-3 (Residential, commercial, and light-industrial environments) ▪ IEC/EN 61000-6-4 (Industrial)	
Operating temperature	-20 °C → +55 °C (-4 °F → 131 °F)	
Storage temperature	-30 °C → +70 °C (-22 °F → +158 °F)	
Relative humidity	10-95%, non-condensing	
Maximum utilization altitude	Operation: 2000 m Transport: 3000 m	
Pollution	Degree: 2 in accordance with IEC/EN 61131-2	
Resistance to electrostatic discharge	Immunity to ESD IEC/EN 61000-4-2, level 3	
Resistance to HF interference (Immunity)	▪ Immunity to radiated electrostatic fields IEC/EN 61000-4-3, level 3 ▪ Immunity to fast transients (burst immunity) IEC/EN 61000-4-4, level 3 ▪ Immunity to shock waves IEC/EN 61000-4-5 ▪ Radio frequency in common mode IEC/EN 61000-4-6, level 3	
Conducted and radiated emissions	Class B	
Protocol Supported	Modbus Server or Modbus Client (FBD only)	

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Description:

The Millenium is the latest product in Crouzet's Millenium series. This is a compact, networked, and communicative PLC. Its flexible deployment and extensive configuration options with various extensions make it suitable for a wide range of applications.

Accompanied by powerful, intuitive software, it will support you throughout your automation needs.

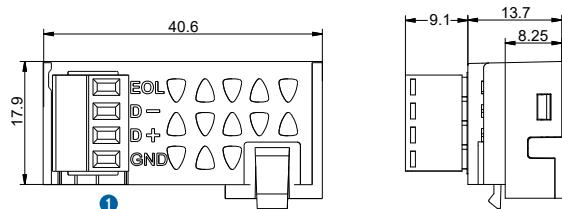
For more information about **Millenium**: please visit www.crouzet.com

	MI485P	MI485
Hardware compatibility	Any Millenium bases MX*****ET MX*****	
Max. absorbed power	0.5W	
Enclosure Protection rating (in accordance with IEC/EN 60529)	IP 30	
Type	2 wires	
Line Termination	Internal, connectable by wiring	
Line Polarization	Included	Not Included
Transmission mode	RTU 8 bits ASCII 7 bits	
Parity	None, even, odd	
Stop bit	1 or 2	
Transmission rate	1200, 2400, 4800, 9600, 19200, 38400, 57600 bauds	
Addressing	From 1 to 247	
Compatible connector (included with the interface)	Euro type terminal 1 x 12 to 24 AWG	
Weight	10g	
Dimension (W x H x D) (mm)	40.6 x 17.9 x 13.7 mm (without connector)	

Product Dimensions

Front and Side

Modbus RS485 & RS485P Interface



1 Connection terminals

Warning:

The product information contained in this catalogue is given purely as information and does not constitute a representation, warranty or any form of contractual commitment. Crouzet and its subsidiaries reserve the right to modify their products without notice. It is imperative that we should be consulted over any particular use or application of our products and it is the responsibility of the buyer to establish, particularly through all the appropriate tests, that the product is suitable for the use or application. Under no circumstances will our warranty apply, nor shall we be held responsible for any application (such as any modification, addition, deletion, use in conjunction with other electrical or electronic components, circuits or assemblies, or any other unsuitable material or substance) which has not been expressly agreed by us prior to the sale of our products.