# > 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 P Modbus Interface RS485

Selection guide			
Туре	Polrization inside	Polrization inside Part number	
Modbus RS485 P Interface	Yes No		MI485P MI485
Modbus RS485 Interface			
	MI485P	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)	<ul> <li>IEC/EN 61000-6-1 (Residential, commercial, and light-industrial environments)</li> <li>IEC/EN 61000-6-2 (Industrial)</li> <li>IEC/EN 61000-6-3 (Residential, commercial, and light-industrial environments)</li> <li>IEC/EN 61000-6-4 (Industrial)</li> </ul>		
Operating temperature	$-20 \rightarrow +55 \text{ °C} (-4 \rightarrow 131 \text{ °F})$		
Storage temperature	-25 °C $\rightarrow$ +70 °C (-13 $\rightarrow$ 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)	<ul> <li>Immunity to radiated electrostatic fields IEC/EN 61000-4-3, level 3</li> <li>Immunity to fast transients (burst immunity) IEC/EN 61000-4-4, level 3</li> <li>Immunity to shock waves IEC/EN 61000-4-5</li> <li>Radio frequency in common mode IEC/EN 61000-4-6, level 3</li> </ul>		
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 <u>www.crouzet.com</u>





	MI485P	MI485	
Hardware compatibility	Any Millenium bases		
	MX*****ET		
	MX*****		
Max. absorbed power	0.5W		
Enclosure Protection rating	IP 30		
(in accordance with IEC/EN 60529)			
Туре	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	Euro type terminal		
(included with the interface)	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



## Warning:

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