Millenium 3 Smart and Essential

➜ Sandwich communication extensions

- Standard Modbus RS485 or TCP/IP protocol
- Connects one or several Millenium 3 to a touch screen, a supervision PC or a network gateway
- Exchange of the input/output state and/or of internal values
- Updating date and time of a group of Millenium 3
- Power supply via the controller

XN06   XN05

Part numbers

Type	Description	Supply	Code
XN06	Modbus RS-485 (slave) communication extension	Via the 24 V ⎓ controller	88972250
XN05	Ethernet protocol TCP/IP Modbus extension (Server)	Via the 24 V ⎓ controller	88970270

Specific characteristics*

	88972250	88970270
Certifications	UL, CSA	UL, CSA
Earthing	Yes, refer to the quick reference guide supplied with the product	Yes, refer to the quick reference guide supplied with the product
Operating temperature	-20 ➜ +55 °C (+40 °C in a non-ventilated enclosure) in accordance with IEC/EN 60068-2-1 and IEC/EN 60068-2-2	0 ➜ +55 °C (+40 °C in a non-ventilated enclosure) in accordance with IEC/EN 60068-2-1 and IEC/EN 60068-2-2
Cable length	Maximum length of the network: 1000 m (9600 Baud maxi, AWG 26)	Maximum length between 2 controllers: 100 m

Communication parameters

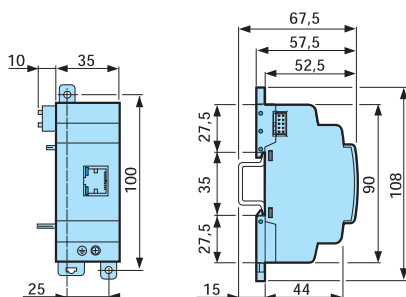|	88972250	88970270
Type of link	2 or 4-wire; RTU or ASCII	-
Transmission rate (Bauds)	1200, 2400, 4800, 9600, 19200, 28800, 38400, 57600	-
Parity	None; even; odd	-
Addressing	1 ➜ 247	Static or dynamic (BootP server)

Characteristics of exchanges

	88972250	88970270
Ladder programming		
Image of smart relay I/O	4	-
Status	1	-

Function blocks programming		
Read-words	8	8
Read/Write	8	8
Clock words	12	4
"Status" words	1	1

Dimensions (mm)

XN05 - XN06

*Also see Millenium 3 Smart and Essential General characteristics

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