MODBUS RS485-ETHERNET EXCHANGE TABLE

2026

LCD Enclosure Models 2 Networks

Commercial Programs: EVO CT2.01 / CT2.02 / CT2.03 / CT2.04 Software

Adjustable pulse weight: (weight 1L-> dn 15-40) (weight 5L/10L->dn 50-100)



Modbus TCP/IP NETWORK

Modbus RS485 NETWORK

-IP Address
-Subnet MASK
-Gateway Address
to be provided to us before shipping



Different configuration on request
at time of order
Default settings

Number of wires: 2-wire RTU / 4-wire RTU
Speed: 1200/2400/4800/9600/19200/28800/38400
Parity: None / Even / Odd
Modbus* Address: 1/ No. from 1 to 247

IP Address, Network Mask, Gateway Address
(editable from the PLC)

* Address No. editable from the PLC

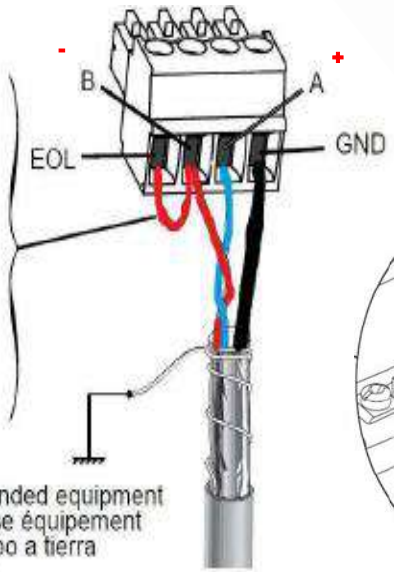
Connection between EOL and B on both products at the end of line

Connexion entre EOL et B sur les 2 produits en bout de ligne

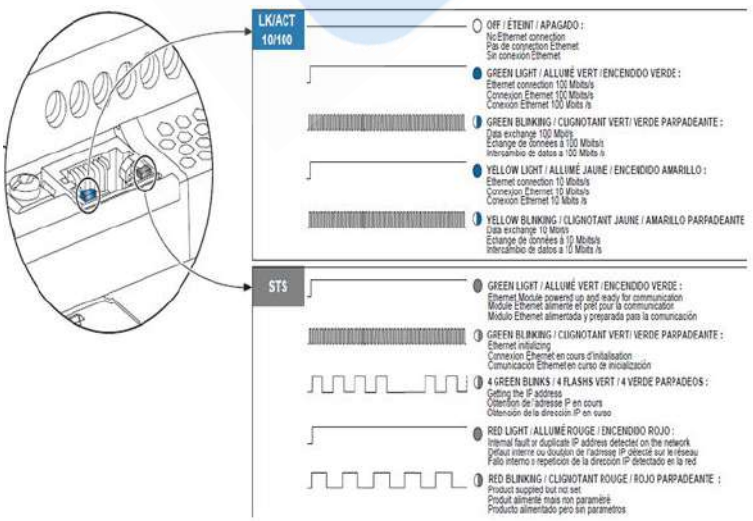
Verbindung zwischen EOL und B auf beiden Produkte am Ende der Busleitung

Conexión entre EOL y B en ambos productos al final de la linea

Collegamento tra EOL e B su entrambi i prodotti



Grounded equipment
Masse équipement
Equipo a tierra



Values and States frequently read from BMS/BAS (Recommended)
Values and States occasionally read from BMS/BAS

XBIN(Word)		XBIN(bit)		INPUT Inputs (Read/write)	
Address 25	**BIT 1**	**1000**	Off Command	NETWORK 1 Monitoring OFF (Stop/Close valve)	Pulse
	BIT 2	**1001**	On Command	NETWORK 1 Reset ON (Reset/Open valve)	Pulse
	BIT 3	**1002**	Off Command	NETWORK 2 Monitoring OFF (Stop/Close valve)	Pulse
	BIT 4	**1003**	On Command	NETWORK 2 Reset ON (Reset/Open valve)	Pulse
	BIT 5	**1004**	On Command	NETWORK 1 Leak threshold auto-adjustment ON	Pulse
	BIT 6	**1005**	On Command	NETWORK 2 Leak threshold auto-adjustment ON	Pulse
	BIT 7	**1006**	On Command	Forced Run (CT2.04 version) (1 to 4h depending on setting)	Pulse
	BIT 8	**1007**	On Command	Forced Run (CT2.04 version) (1 to 4h depending on setting)	Pulse

Warning: commands issued on bits 1 to 15 (bit set to 1) must last only a few seconds; the bits must always be reset to 0 afterward

	INDEX	In Liters		OUTPUT Outputs (Read)	
Address 26			Variable	Network 1 Meter: Low INDEX	
Address 27			Variable	Network 1 Meter: High INDEX	
Address 28			Variable	Network 2 Meter: Low INDEX	
Address 29			Variable	Network 2 Meter: High INDEX	
Address 30			Variable	Network 1: Recorded Leak Flow Rate	
Address 31			Variable	Network 2: Recorded Leak Flow Rate	

INDEX values in LITERS (regardless of pulse weight)
Each meter INDEX is recorded on 32 bits; values are sent split into 2 words of 16 bits
The electronic Indexes can be edited locally on the enclosure (synchronization with the meter indexes)

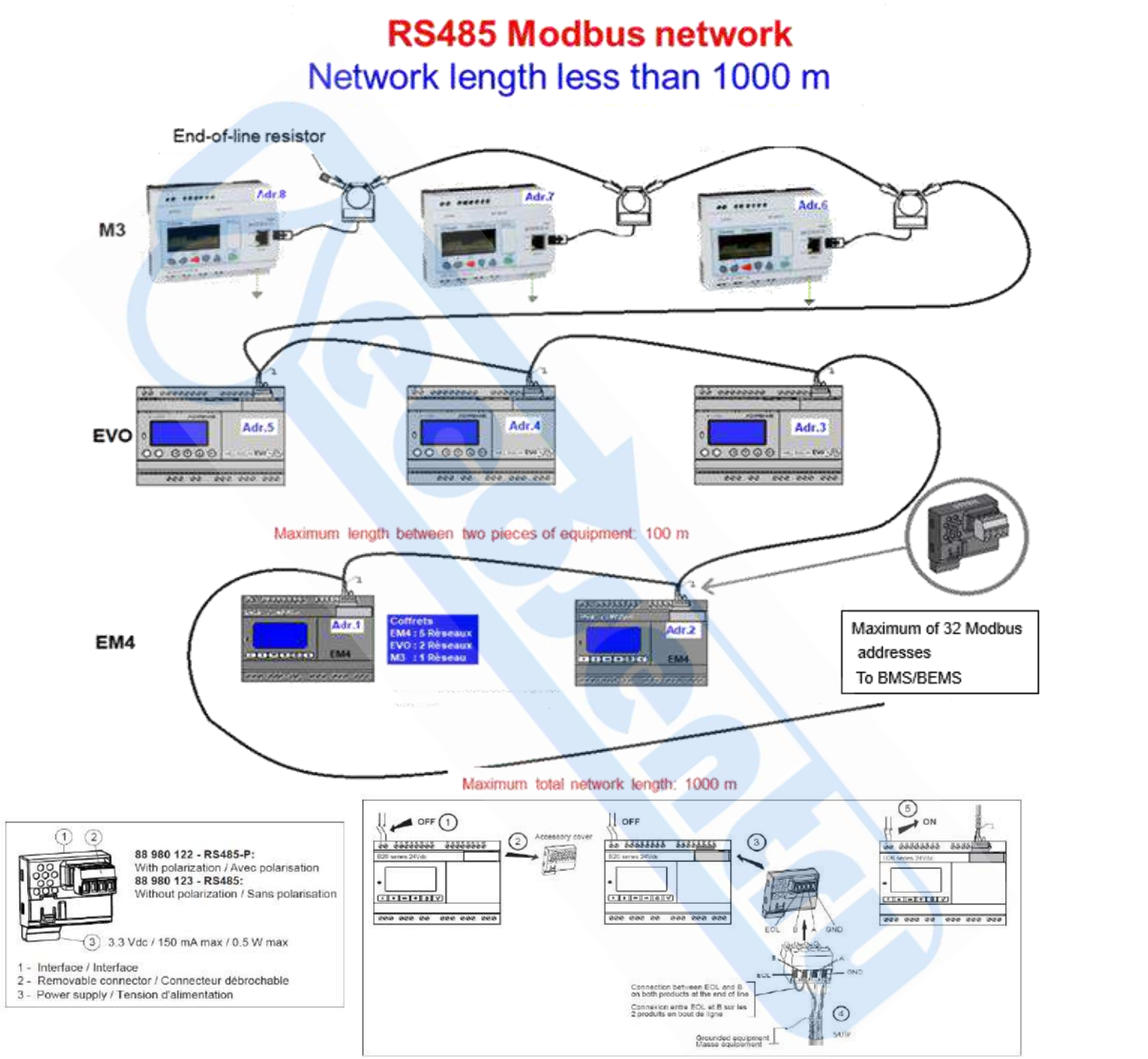


0 2 3 6 1 5 , 2 7 3

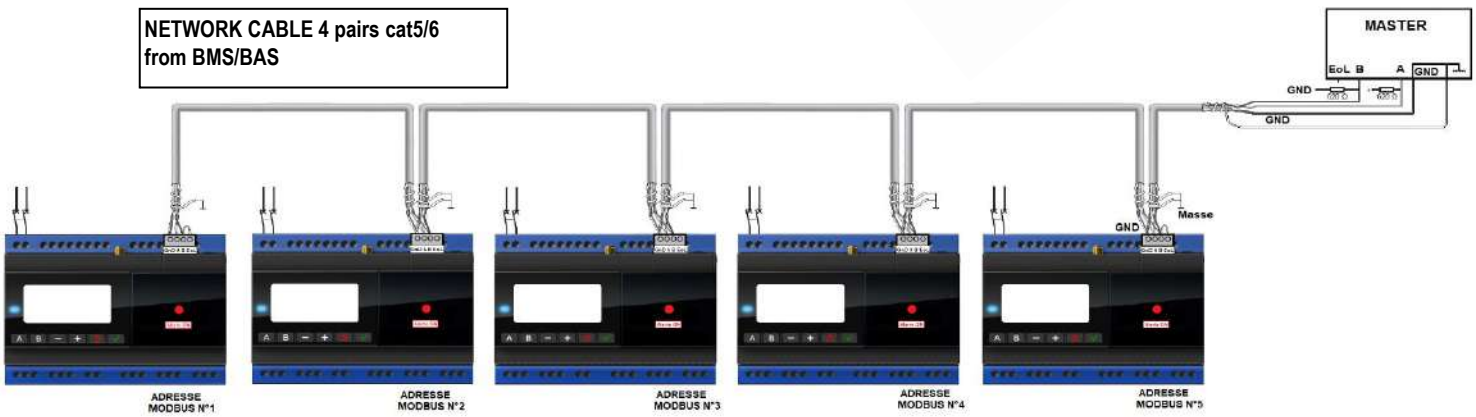
Values and States frequently read from BMS/BAS (Recommended)
Values and States occasionally read from BMS/BAS

				OUTPUT Outputs (Read)		
Address 32	**BIT 1**		Status	Network 1: GENERAL SAFETY SHUT-OFF (valve closed if device connected and configured)	**0=Off/1=On**	●
	BIT 2		Status	Network 1: Transmitter E1 ALERT	**0=Off/1=On**	●
	BIT 3		Status	Network 1: 1st Leak ALERT	**0=Off/1=On**	●
	BIT 4		Status	Network 1: Consumption ALARM	**0=Off/1=On**	○
	BIT 5		Status	Network 1: Leak threshold auto-adjustment (170h)	**0=Off/1=On**	○
	BIT 6		Status	Network 1: RUN (Monitoring ON) (valve open if device connected and configured)	**0=Off/1=On**	●
	BIT 7		Status	Network 1: Pipe Burst ALERT	**0=Off/1=On**	●
	BIT 8		Status	Network 1: TIMER ON	**0=Off/1=On**	○
	BIT 9		Status	Network 1: FORCED RUN (1 to 4h) (Leak Monitoring Off)	**0=Off/1=On**	●
	BIT 10		Status	Network 1: TRANSMITTER MONITORING	**0=Off/1=On**	○
	BIT 11		Status	Network 1: Network Shut-off authorized on Daily Consumption ALARM (threshold 20000L, adjustable)	**0=Off/1=On**	○
	BIT 12		Status	Network 1: Network Shut-off Authorized on Transmitter ALERT (96h without pulses, adjustable)	**0=Off/1=On**	○
	BIT 13		Status	FIRE ALARM	**0=Off/1=On**	●
	BIT 14		Status	Network 1: FLOOD ALARM	**0=Off/1=On**	○
	BIT 15		Status	PLC ERROR	**0=Off/1=On**	○
	BIT 16		Status	Dry contact O3 and C5 (NO): Closed on LEAK ALERT, Flood for Networks 1 to 2	**0=Off/1=On**	○
				OUTPUT Outputs (Read)		
Address 33	**BIT 1**		Status	Network 2: GENERAL SAFETY SHUT-OFF (valve closed if device connected and configured)	**0=Off/1=On**	●
	BIT 2		Status	Network 2: Transmitter E1 ALERT	**0=Off/1=On**	●
	BIT 3		Status	Network 2: 1st Leak ALERT	**0=Off/1=On**	●
	BIT 4		Status	Network 2: Consumption ALARM	**0=Off/1=On**	○
	BIT 5		Status	Network 2: Leak threshold auto-adjustment (170h)	**0=Off/1=On**	○
	BIT 6		Status	Network 2: RUN (Monitoring ON) (valve open if device connected and configured)	**0=Off/1=On**	
	BIT 7		Status	Network 2: Pipe Burst ALERT	**0=Off/1=On**	●
	BIT 8		Status	Network 2: TIMER ON	**0=Off/1=On**	●
	BIT 9		Status	Network 2: FORCED RUN (1 to 4h) (Leak Monitoring Off)	**0=Off/1=On**	○
	BIT 10		Status	Network 2: TRANSMITTER MONITORING	**0=Off/1=On**	●
	BIT 11		Status	Network 2: Network Shut-off authorized on Daily Consumption ALARM (threshold 10000L, adjustable)	**0=Off/1=On**	○
	BIT 12		Status	Network 2: Network Shut-off Authorized on Transmitter ALERT (96h without pulses, adjustable)	**0=Off/1=On**	○
	BIT 13		Status		**0=Off/1=On**	
	BIT 14		Status	Network 2: FLOOD ALARM	**0=Off/1=On**	○
	BIT 15		Status	Dry contact O3 and C5 (NO): CONSUMPTION ALERT for Networks 1 to 2	**0=Off/1=On**	○
	BIT 16		Status	Dry contact O3 and C5 (NO): Closed on TRANSMITTER ALERT for Networks 1 to 2	**0=Off/1=On**	○
Address 34			Variable	PLC ERROR No.	**0=Off/1=On**	○

				OUTPUT Outputs (Read)	
Address 35			Variable	Network 1: Minimum Flow Rate recorded for the day	
Address 36			Variable	Network 2: Minimum Flow Rate recorded for the day	
Address 37			Variable	Network 1: Last flow rate	
Address 38			Variable	Network 2: Last flow rate	



NETWORK CABLE 4 pairs cat5/6 from BMS/BAS



TCP/IP Ethernet Network

