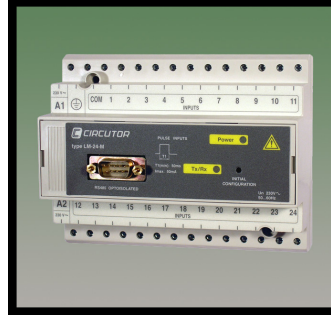




LM24 / LM 50 PULSE COLLECTORS WITH INTERNAL MEMORY

The LM24-M and LM50 – TCP are pulse collecting units with 24 and 50 optocoupled inputs to read and store the pulses from any metering device (electricity, gas, water, BTU, etc.)

The LM24 has a RS485 Serial port and the LM50 has an Ethernet port for connecting onto an existing PC or network. We can connect up to 24 LM24 units on the same buss or a number of LM50 units as permitted by the LAN.



Power supply voltage	Inputs	Protocol	Communications	Input markings	Type	Code
230 V	24	Modbus	RS-485	Yes	LM24-M	M31520
230 V	50	Modbus/TCP	ETHERNET	Yes	LM50-TCP	M31531

FEATURES		
	LM24-M	LM50-TCP
Power supply circuit		
Voltage of power supply	120 V ac (± 15 %)	120 V ac (± 20 %)
Consumption	5 V·A	6 V·A
Frequency	50 ... 60 Hz	45 ... 65 Hz
Inputs		
Number of inputs	24	50
Type of input	Opto-insulated voltage free	
Output		
Type of output	RS-485 series port	
Type of connector	DB-9	RJ45
Meters		
Number of meters	24	50
Number of impulses	4 294 967 295 (FFFFFFFF Hex)	
Environmental conditions		
Operating temperature	0 ... +50 °C	
Assembly features		
Type of casing	DIN rail	
Dimensions (mm)	140 x 110 x 70	158 x 90 x 59
Degree of protection: Terminal	IP 20	
Built in relay	IP 41	
Insulation	3 kV, 50 Hz, 1 min	4 kV, 50 Hz, 1 min
Standards	IEC 6064, VDE 0110, UL 94, IEC 348, EN 50081-1, EN 61010-1, EN 50082-1	