

Furnizor: **Sc Trivolt Distribution SRL**  
Reg. com.: J23/3300/2016  
CIF: RO36421140  
Adresa: Strada Apusului nr 3 ( primul  
sens giratoriu Tehodor Pallady-  
Autostrada Soarelui), Catelu, Ilfov  
Banca: BRD  
IBAN: RO34BRDE441SV13182234410



**SCHNEIDER AUTOMAT PROGRAMABIL M200 CU 40 IO PE RELEE, CU  
ETHERNET**

<b>range of product</b>	Easy Modicon M200
<b>product or component type</b>	Logic controller
<b>[Us] rated supply voltage</b>	100...240 V AC
<b>discrete I/O number</b>	40
<b>discrete input number</b>	I2...I5: 4 fast input I0, I1, I6, I7: 4 high speed input I8...I23: 16 regular input
<b>discrete output number</b>	16 relay
<b>discrete input voltage</b>	24 V
<b>discrete input voltage type</b>	DC

<b>discrete input current</b>	7 mA for input
<b>discrete input logic</b>	Sink or source (positive/negative) type 1 conforming to EN/IEC 61131-2
<b>discrete output voltage</b>	24 V DC 220 V AC
<b>discrete output current</b>	2 A
<b>discrete output type</b>	Relay normally open
<b>power consumption in VA</b>	59...69 VA at 100...240 V AC (with max I/O)

Complementary

<b>maximum number of I/O expansion module</b>	4 with 128 discrete output(s) for transistor output 4 with 80 discrete output(s) for relay output
<b>supply voltage limits</b>	85...264 V
<b>network frequency</b>	50/60 Hz
<b>inrush current</b>	50 A
<b>voltage state 1 guaranteed</b>	>= 15 V for input
<b>voltage state 0 guaranteed</b>	<= 5 V for input
<b>input impedance</b>	3.3 kOhm for discrete input
<b>response time</b>	5 µs turn-off, I0, I1, I6, I7 terminal(s) for high speed input 5 µs turn-on, I0, I1, I6, I7 terminal(s) for high speed input 100 µs turn-off, I2...I5 terminal(s) for fast input 35 µs turn-on, I2...I5 terminal(s) for fast input 100 µs turn-off, I8...I13 terminal(s) for regular input 35 µs turn-on, I8...I13 terminal(s) for regular input 10 ms turn-off, Q0...Q15 terminal(s) for relay output 10 ms turn-on, Q0...Q15 terminal(s) for relay output 125 µs turn-off, I14...I23 terminal(s) for regular input 55 µs turn-on, I14...I23 terminal(s) for regular input
<b>configurable filtering time</b>	0 ms for input 3 ms for input 12 ms for input
<b>output voltage limits</b>	30 V DC 250 V AC
<b>maximum current per</b>	4 A

<b>output common</b>	
<b>electrical durability</b>	100000 cycles AC-12, 240 V, 480 VA, resistive 100000 cycles DC-12, 24 V, 48 W, resistive
<b>switching frequency</b>	0.1 Hz with maximum load
<b>mechanical durability</b>	20000000 cycles for relay output
<b>minimum load</b>	10 mA at 5 V DC for relay output
<b>memory capacity</b>	512 byte internal flash for backup of programs
<b>data storage equipment</b>	32 GB micro SD card (optional)
<b>battery type</b>	BR2032 Li-CFx (Lithium-Carbon Monofluoride), battery life: 5 year(s)
<b>backup time</b>	3 years at 25 °C (by interruption of power supply)
<b>execution time for 1 KInstruction</b>	0.3 ms for event and periodic task
<b>execution time per instruction</b>	0.2 µs Boolean
<b>exct time for event task</b>	60 µs response time
<b>clock drift</b>	<= 90 s/month at 25 °C
<b>regulation loop</b>	Adjustable PID regulator up to 14 simultaneous loops
<b>control signal type</b>	Quadrature (x1, x2, x4) at 100 kHz for fast input (HSC mode) Pulse/direction at 100 kHz for fast input (HSC mode) Single phase at 100 kHz for fast input (HSC mode) CW/CCW at 100 kHz for fast input (HSC mode)
<b>counting input number</b>	4 fast input (HSC mode) at 100 kHz 32 bits
<b>integrated connection type</b>	USB port with mini B USB 2.0 connector Non isolated serial link serial 1 with terminal block connector and RS485 interface Non isolated serial link serial 2 with terminal block connector and RS232/RS485 interface Ethernet Modbus TCP/IP Ethernet with RJ45 connector and 1 Ethernet port 10/100BASE-T interface Isolated serial link serial 2 with terminal block connector and RS485 interface
<b>transmission rate</b>	1.2...115.2 kbit/s (115.2 kbit/s by default) for bus length of 15 m for RS485 1.2...115.2 kbit/s (115.2 kbit/s by default) for bus length of 3 m for RS232 12 Mbit/s for USB 10/100 Mbit/s for bus length of 100 m for Ethernet Modbus TCP/IP
<b>communication port protocol</b>	USB port: USB - SoMachine-Network Non isolated serial link: Modbus master/slave - RTU/ASCII or SoMachine-Network Ethernet Modbus TCP/IP: Modbus TCP/IP client/server

Pret: 2 138,36 lei (TVA inclus)

Detalii online: <https://www.materialelectrice.ro/automat-programabil-m221-cu-40-io-pe-relee-cu-ethernet-97822>