

TM221CE24T

Schneider Electric TM221CE24T - M221 Logic Controller 24 I/O Transistor PNP Ethernet

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	TM221CE24T
PRODUCT FAMILY	CATEGORY
Modicon M221	Logic controller
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

The Schneider Electric TM221CE24T Modicon M221 Logic Controller is a compact yet powerful solution for OEM machines and small plant automation. Operating on 24 V DC, it offers 24 discrete I/O (14 inputs, 4 fast; 10 transistor outputs, 2 fast) and 2 analogue inputs (0-10V). Integrated connectivity includes USB, RS232/RS485 serial, and a 10BASE-T/100BASE-TX Ethernet port for easy network integration. With 256 kB user memory, it supports complex programming, alongside advanced features like adjustable PID regulation (up to 14 loops) and 2-axis high-speed positioning (100 kHz). Its robust design (IP20, -10 to 55 °C operating temperature) makes it well-suited for demanding environments in Egypt and the Gulf, including water treatment, oil and gas, food and beverage, and cement industries, providing dependable automation for critical processes. Contact us for a quote to enhance your operational efficiency with the Schneider Electric TM221CE24T.

RECORDED SPECIFICATIONS

Depth	70 mm
Width	110 mm
Height	90 mm
Port Ethernet	10BASE-T/100BASE-TX 1 port with 100 m copper cable
Product weight	0.395 kg
Memory capacity	256 kB for user application and data RAM with 10000 instructions
Regulation loop	Adjustable PID regulator up to 14 simultaneous loops
Range of product	Modicon M221
Relative humidity	10?95 %, without condensation (in operation)
Official lifecycle	Current official manufacturer lifecycle evidence

ADDITIONAL SPECIFICATIONS

Discrete I/O number	24
Discrete output type	Transistor
Analogue input number	2 at 0...10 V
Discrete input number	14, discrete input 4 fast input conforming to IEC 61131-2 Type 1
Positioning functions	Position PTO 2 axe(s)pulse/direction mode (100 kHz)
Discrete output number	10 transistor 2 fast output
Discrete output current	0.5 A
IP degree of protection	IP20 with protective cover in place
Manufacturer part number	TM221CE24T
Product or component type	Logic controller
[Us] rated supply voltage	24 V DC
Integrated connection type	
Ambient air temperature for operation	-10?55 °C (horizontal installation)

MANUFACTURER DOCUMENTATION

No manufacturer document is linked because exact-SKU or compatible-family evidence has not been recorded.

Document status: This is an InduMarket product specification summary, not a manufacturer-issued datasheet. It is generated from the catalog record for the exact part number. Any linked manufacturer document passed the SKU-compatibility evidence gate. Confirm ratings, compatibility, certifications and any successor reference before ordering.