

TM221CE16T

Schneider Electric TM221CE16T - Modicon M221 Logic Controller 16 IO Transistor PNP Ethernet

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	TM221CE16T
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 TM221CE16T Modicon M221 is a compact and versatile logic controller designed for a wide range of OEM machines and small plant automation tasks. This robust controller operates on a 24 V DC rated supply voltage, offering 9 discrete inputs, including 4 fast inputs, along with 2 analogue inputs (0-10 V). It features 7 transistor discrete outputs, 2 of which are fast outputs, capable of handling 0.5 A each at 24 V DC, bringing the total discrete I/O count to 16. For enhanced connectivity, the TM221CE16T integrates a USB port, a non-isolated serial link (RS232/RS485 with Modbus support), and a 10BASE-T/100BASE-TX Ethernet port. With an IP20 protection rating and an operating temperature range of -10 to 55 °C, it's built for demanding industrial environments. Its compact design (90x95x70mm) and 0.346 kg weight make it easy to integrate into control panels. This controller is well-suited for diverse applications in Egypt and the Gulf, including motor control in building services, process automation in water treatment plants, packaging machinery in food and beverage, and various systems in light manufacturing and textiles. Contact us to request a quote for the Schneider Electric TM221CE16T.

RECORDED SPECIFICATIONS

Depth	70 mm
Width	95 mm
Height	90 mm
Port Ethernet	10BASE-T/100BASE-TX 1 port with 100 m copper cable
Product weight	0.346 kg
Memory capacity	256 kB for user application and data RAM with 10000 instructions
Official lifecycle	Current official manufacturer lifecycle evidence
Discrete I/O number	16
Discrete output type	Transistor
Analogue input number	2 at 0...10 V

ADDITIONAL SPECIFICATIONS

Discrete input number	9, discrete input 4 fast input conforming to IEC 611131-2 Type 1
Discrete output number	7 transistor 2 fast output
Discrete output current	0.5 A
Discrete output voltage	24 V DC
IP degree of protection	IP20 with protective cover in place
Manufacturer part number	TM221CE16T
[Us] rated supply voltage	24 V DC
Integrated connection type	
Communication port protocol	
Ambient air temperature for operation	-10?55 °C (horizontal installation)
Maximum number of I/O expansion module	4 (local I/O-Architecture), 11 (remote I/O-Architecture)

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.