

TM221CE40T

Schneider Electric TM221CE40T - Modicon M221 Logic controller with 40 I/O and Ethernet

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	TM221CE40T
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 Modicon M221 Logic Controller, part number TM221CE40T, is a compact yet powerful machine controller designed for OEM machines and small plant automation. Operating on a 24 V DC rated supply voltage, this robust unit offers a total of 40 discrete I/O, comprising 24 discrete inputs (including 4 fast inputs conforming to IEC 61131-2 Type 1) and 16 transistor discrete outputs (featuring 2 fast outputs). Each discrete output provides 24 V DC at 0.5 A, with a maximum current of 4 A per output common, safeguarded by overload and short-circuit protection at 1 A. Equipped with 2 analog inputs (0-10 V), the TM221CE40T ensures versatile sensing capabilities. Communication is comprehensive, featuring an integrated USB port, a non-isolated serial link (RS232/RS485 supporting Modbus RTU/ASCII), and an Ethernet port for Modbus TCP, Ethernet/IP adapter, and DHCP client functionalities. With 256 kB memory for user applications and an integrated Realtime Clock, it's ideal for demanding applications in Egyptian and Gulf industries such as water treatment, food and beverage, or building services. The controller is IP20 rated and supports DIN rail or panel mounting. Request a quote today for reliable automation solutions.

RECORDED SPECIFICATIONS

Depth	70 mm
Width	160 mm
Height	90 mm
Product weight	0.456 kg
Realtime clock	With
Memory capacity	256 kB for user application and data RAM
Protection type	Overload and short-circuit protection at 1 A
Mounting support	
Official lifecycle	Current official manufacturer lifecycle evidence
Discrete I/O number	40

ADDITIONAL SPECIFICATIONS

Discrete output type	Transistor
Analogue input number	2 at 0...10 V
Discrete input number	24, discrete input 4 fast input conforming to IEC 61131-2 Type 1
Discrete output number	16 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	TM221CE40T
Product or component type	Logic controller
[Us] rated supply voltage	24 V DC
Integrated connection type	
Communication port protocol	
Maximum power consumption in W	17 W at 24 V (with max number of I/O expansion module)
Maximum current per output common	4 A
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.