

TM218LDA40DRN

Schneider Electric · Modicon M218

Compact Logic Controller, 40 I/O, relay outputs, 100-240 VAC

Processor

Not available

Clock speed

Not available

Program memory

1 MB Flash (program and data backup)

Data memory

1 MB RAM (application execution)

Programming software

SoMachine / EcoStruxure Machine Expert

Scan speed

1 Kinst per 2 ms (70% boolean + 30% arithmetic, typical)

Digital inputs

24 (22 regular 24 Vdc + 2 fast HSC 10 kHz)

Digital outputs

16 (relay, 2 A per point)

Analog inputs

None

Analog outputs

None

High-speed counters

2 × 10 kHz

Pulse outputs

Not available

Expansion modules (max)

Up to 7 TM2 expansion modules; max 248 I/O

Built-in ports

2× RS-485 (terminal block), 1× mini USB-B (programming)

Protocols

Modbus RTU/ASCII (RS-485), proprietary programming protocol (USB)

Communication expansion

Communication cartridge slot (TMCOM series) for optional Modbus/CANopen/Profibus expansion

Supply voltage

100...240 V AC (50/60 Hz)

Power consumption

34 W

Bus current

Not applicable (self-powered compact controller; no backplane bus)

Operating temperature

0...+55 °C

Storage temperature

-25...+70 °C

Relative humidity

10...95% (non-condensing)

Protection rating

IP20

Dimensions (H×W×D)

94.5 × 150 × 70 mm

Weight

0.69 kg

Lifecycle

Discontinued; Replacement: Modicon M221 (Last verified: 2026-09)