# TM218LDA40DR2HN

Schneider Electric · Modicon M218

Compact Logic Controller, 40 I/O, relay outputs, 2 analog outputs, Ethernet, 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 (20 regular 24 Vdc + 4 fast HSC 10 kHz)

**Digital outputs**
16 (relay, 2 A per point)

**Analog inputs**
None

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**Analog outputs**
2 (0-10 Vdc)

**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**
1× Ethernet RJ45, 2× RS-485 (terminal block), 1× mini USB-B (programming)

**Protocols**
Modbus TCP (Ethernet), 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)

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