

Schneider Electric TM218LDD24DUPHN

Model: TM218LDD24DUPHN

Brand: Schneider Electric

Series: Modicon M218

Compact Logic Controller, 24 I/O, transistor outputs, 24 VDC

—— Hardware ——

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)

—— I/O Capacity ——

Digital inputs: 14 (10 regular 24 Vdc + 4 fast HSC 10 kHz)

Digital outputs: 10 (transistor, source/PNP, 0.5 A per point; 2 fast PTO/PWM)

Analog inputs: None

Analog outputs: None

High-speed counters: 2 × 10 kHz

Pulse outputs: 2 × PTO/PWM (up to 100 kHz)

Expansion modules (max): Up to 7 TM2 expansion modules; max 248 I/O

—— Communication ——

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

—— Electrical ——

Supply voltage: 24 V DC (19.2...28.8 V)

Power consumption: 15 W

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

—— Environmental ——

Operating temperature: 0...+55 °C

Storage temperature: -25...+70 °C

Relative humidity: 10...95% (non-condensing)

Protection rating: IP20

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

—— Physical ——

Dimensions (H×W×D): 94.5 × 87.5 × 70 mm

Weight: 0.35 kg

—— Status ——

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

—— Lifecycle ——

Active (Modicon M218 compact PLC; mature product line, new projects recommended to use M258/M241)



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