

TM5SDI12D

Schneider Electric · Modicon TM5

Digital Input Module, 12 channels, 24 Vdc sink

Module type

Digital input (sink)

Channels

12

Signal type

24 Vdc, sink (Type 1 per IEC 61131-2)

Range

24 Vdc (nominal), 19.2-28.8 Vdc

Input current

3.75 mA per channel (at 24 Vdc)

Resolution

N/A

Accuracy

N/A

Isolation

No isolation between channels; 500 Vrms AC between channel and bus

Diagnostics

ModuleOK, DcOk, NetworkOk

Response time

≤3 ms (configurable input filter)

Wiring

1-wire connection

Supply voltage

24 Vdc (via TM5 bus)

Power consumption

1.93 W

Bus current

36 mA at 5 V DC (TM5 bus); 73 mA at 24 V DC (I/O segment, all inputs on)

Operating temperature

0...+55 °C

Storage temperature

-25...+70 °C

Protection rating

IP20

Dimensions (H×W×D)

99 × 12.5 × 75 mm

Weight

0.025 kg

Compatible platforms

Modicon M241, M251, M258, LMC058

Lifecycle

Active (Last verified: 2026-09)