

TM3DI16

Schneider Electric · Modicon TM3

Digital Input Module, 16 channels, 24 Vdc

Module type

Digital input

Channels

16

Signal type

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

Range

24 Vdc (nominal), 19.2-28.8 Vdc

Input current

7 mA per channel (at 24 Vdc)

Resolution

N/A

Accuracy

N/A

Isolation

500 V AC between input and internal logic; no isolation between channel groups

Diagnostics

Module status, bus status

Response time

4 ms max. (turn on/off)

Wiring

Removable screw terminal block, 3.81 mm pitch

Supply voltage

24 Vdc (via TM3 bus)

Power consumption

Not available

Bus current

40 mA at 5 V DC (all inputs on); 5 mA (all inputs off)

Operating temperature

0...+55 °C

Storage temperature

-25...+70 °C

Protection rating

IP20

Dimensions (H×W×D)

90 × 27.4 × 84.6 mm

Weight

0.1 kg

Compatible platforms

Modicon M221, M241, M251, M262

Lifecycle

Active (Last verified: 2026-09)