

TM5NS31

Schneider Electric · Modicon TM5

Sercos III Bus Interface Module, distributed I/O protocol converter

Module type

Sercos III bus interface (fieldbus coupler)

Protocol

Sercos III

Connector

2× RJ45 (Sercos III ports, in/out)

Function

Distributed I/O bus protocol conversion and data aggregation

Baud rate

100 Mbit/s (Sercos III)

Supply voltage

24 Vdc (via TM5 bus / TM5SPS3)

Power consumption

1.75 W

Bus current

350 mA at 5 V DC

Operating temperature

0...+55 °C

Storage temperature

-25...+70 °C

Protection rating

IP20

Dimensions (H×W×D)

107.5 × 45 × 16.8 mm

Weight

0.261 kg

Compatible platforms

Modicon M241, M251, M258, LMC058 (as remote I/O)

Required companion

TM5SPS3 power distribution module

Lifecycle

Active (Last verified: 2026-09)