

140ARI03010

Schneider Electric · Modicon Quantum

RTD/Thermocouple Temperature Input Module Modicon Quantum

Channels

8 inputs

Signal type

RTD (Pt100, Pt1000, Cu10, etc.), Thermocouple (J, K, T, E, R, S, B types)

Range

RTD / Thermocouple (software configurable)

Resolution

16 bits

Accuracy

±0.1°C (typical), ±0.5°C (max at 25°C)

Isolation

Channel-to-bus: 1780 V AC / 2500 V DC for 60 s; between channels: 300 Vrms AC

Diagnostics

Broken wire, overrange detection

Conversion time

640 ms (2/4-wire), 1200 ms (3-wire)

Slots required

1

Supply voltage

5 V DC (backplane)

Bus current

200 mA @ 5 V DC

Power consumption

Not available

Operating temperature

Not available

Storage temperature

Not available

Relative humidity

Not available

Protection rating

IP20

Dimensions (H×W×D)

250 × 40.34 × 103.85 mm

Weight

0.4 kg

Discontinued (End of Sale) (Last verified

2026-09)