

140AVI03000

Schneider Electric · Modicon Quantum

Analog Input Module Modicon Quantum 8-channel Voltage/Current

Channels

8 inputs

Signal type

0 to 10 V, 4 to 20 mA (multi-range)

Range

0 to 10 V / 4 to 20 mA

Resolution

16 bits

Accuracy

±0.03% typical, ±0.05% max FS at 25°C; linearity ±0.008%

Isolation

Channel-to-bus: 500 Vrms AC for 60 s / 750 V DC; between channels: 135 Vrms AC / 200 V DC

Diagnostics

Broken wire (4-20 mA), overrange detection

Conversion time

10 ms (update time)

Slots required

1

Supply voltage

5 V DC (backplane)

Bus current

280 mA @ 5 V DC

Power consumption

2.2 W

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)