Q64DAN-1W4587

Industrial automation components

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Manufacturer	Mitsubishi
Catalog number	q64dan-1w4587
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Analog Output Channels	4 channels
Voltage Output Ranges	0–5 V, 1–5 V, –10–10 V
Current Output Ranges	0–20 mA, 4–20 mA
Accuracy	±0.1% at 25±5°C, ±0.3% at 0–55°C %
D/A Conversion Speed	80 µs per channel
Dimensions	98 mm (H) x 27.4 mm (W) x 112 mm (D)
Weight	0.20 kg

Description

The Mitsubishi Electric Q64DAN-1W4587 is an advanced analog input/output module designed for the MELSEC-Q Series programmable controllers. This module offers four analog output channels, providing versatile voltage and current output ranges suitable for various industrial applications.

It supports voltage outputs of 0–5 V, 1–5 V, and –10–10 V, as well as current outputs of 0–20 mA and 4–20 mA, with user-defined ranges for customized configurations. The module ensures high accuracy, with a maximum deviation of ±0.1% at an ambient temperature of 25±5°C and ±0.3% at 0–55°C.

It features a D/A conversion speed of 80 µs per channel, facilitating rapid response times in dynamic processes. The Q64DAN-1W4587 is engineered for durability and reliability, with built-in output short protection and robust isolation methods, including photocoupler isolation between I/O terminals and the controller power supply.

Its compact design measures 98 mm in height, 27.4 mm in width, and 112 mm in depth, with a weight of 0.20 kg, making it suitable for integration into space-constrained environments. This module is ideal for applications requiring precise analog signal processing and control within the MELSEC-Q Series

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

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AUTOMATION TRADER

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960 Capability Green
Luton, Bedfordshire LU1 3PE

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DUNS: 427734105
BDO: 000726360

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