A68DAI-S1

Industrial automation components

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Manufacturer	Mitsubishi
Catalog number	a68dai-s1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Channels	8 channels
Output Range	0 to 20 mA DC
Resolution	1/4000, 1/8000, 1/12000 bits
D/A Conversion Speed	40 ms/channel
External Power Supply Voltage	21.6 to 26.4 V DC
External Power Supply Current	28 mA
Terminal Block	38-point terminal block (M3 screws) points
Dimensions	250 x 37.5 x 131 mm
Weight	0.65 kg

Description

The Mitsubishi A68-DAI-S1 is an analog output module designed for the MELSEC-A series programmable logic controllers (PLCs). This module provides eight channels of analog current output, each capable of delivering a 0 to 20 mA DC signal with a resolution of 1/4000, 1/8000, or 1/12000, depending on the configuration.

The D/A conversion speed is 40 ms per channel, ensuring timely signal processing for various industrial applications. The module operates with an external power supply voltage ranging from 21.6 to 26.4 V DC and consumes approximately 28 mA of current.

It features a 38-point terminal block (M3 screws) for wiring connections. The module's dimensions are 250 mm in height, 37.5 mm in width, and 131 mm in depth, with a weight of 0.65 kg. This module is suitable for applications requiring precise analog current outputs, such as controlling motor drivers

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and other industrial equipment that utilize 4 to 20 mA current signals.

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