DA1-34072FB-B55C

Industrial automation components

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Manufacturer	Eaton
Catalog number	da1-34072fb-b55c
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Current	72 A
Component Specifications	ip55480v
Horsepower	50
Signal Level	460 V
Relay Specifications	72 A

Description

The Eaton DA1-34072FB-B55C is a high-performance variable frequency drive (VFD) designed for industrial applications requiring precise motor control and energy efficiency. Manufactured by Eaton, a leader in power management solutions, this model offers robust features suitable for demanding environments.

Key specifications include a rated operational current of 72 A, a maximum output current of 105 A, and a power rating of 37 kW (50 HP). It operates on a 480 V AC, 3-phase input and provides a 460 V AC, 3-phase output, with an output frequency capability up to 500 Hz.

The drive is housed in an IP55-rated enclosure, ensuring protection against dust and water ingress, and is suitable for vertical mounting. Additional features include a radio interference suppression filter, brake chopper, and an OLED display for clear operational feedback.

The DA1-34072FB-B55C complies with international standards such as IEC/EN 61800-2, IEC/EN 61800-3, and IEC/EN 61800-5-1, and holds certifications including UL, CE, and RoHS compliance. This VFD is ideal for applications requiring precise motor control, energy efficiency, and reliable performance in harsh industrial environments.

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