DC1-345D8FB-A66N

Industrial automation components

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Manufacturer	Eaton
Catalog number	dc1-345d8fb-a66n
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Operational Voltage	400 V AC, 3-phase
Rated Operational Current	5.8 A
Rated Power	2.2 kW
Degree of Protection	IP66/NEMA 4X
Frame Size	FS2

Description

The Eaton DC1-345D8FB-A66N is a compact variable frequency drive designed for efficient motor control in industrial applications. This model operates at a rated voltage of 400 V AC, 3-phase, with a rated operational current of 5.8 A, suitable for motors up to 2.2 kW.

It features an IP66/NEMA 4X enclosure, ensuring robust protection against dust and water ingress, making it ideal for harsh environments. The drive includes a radio interference suppression filter and a brake chopper, enhancing performance and safety.

Its frame size is FS2, and it is equipped with a 7-digit display assembly for user-friendly operation. The DC1-345D8FB-A66N is compatible with standard four-pole, three-phase asynchronous motors operating at 1500 rpm at 50 Hz or 1800 rpm at 60 Hz.

This model is suitable for applications such as pumps, fans, conveyors, and other machinery requiring precise motor speed control.

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