SK-3310740

Industrial automation components

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Manufacturer	Rittal
Catalog number	sk-3310740
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Cooling Output	1.5 - 2.5 kW
Temperature Control	e-Comfort controller (+35 °C)
Electric Condensate Evaporation	Yes
IoT Interface Compatibility	Blue e IoT adapter
Material	Sheet steel
Finish	RAL 7035
Condenser Coating	Hydrophobic RiNano coating
Rated Current at 50 Hz	3.5 A
Rated Current at 60 Hz	3.7 A
Start-up Current at 50 Hz	13 A
Start-up Current at 60 Hz	14 A
Operating Voltage at 50 Hz	400 V, 3-phase

Description

The Rittal SK 3310.740 is a high-performance cooling module designed for climate control doors, offering a total cooling output ranging from 1.5 to 2.5 kW. Utilizing Rittal's energy-efficient Blue e technology, this module ensures optimal thermal management for industrial applications.

Key features include an integral e-Comfort controller with a factory setting of +35 °C, electric condensate evaporation, and compatibility with IoT interfaces via the Blue e IoT adapter for units with outputs of 500 W or higher.

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Constructed from sheet steel with a RAL 7035 finish, the module is prepared for installation in climate control doors and includes a condenser with a hydrophobic RiNano coating. Electrical specifications are as follows: rated current of 3.5 A at 50 Hz and 3.7 A at 60 Hz, with a maximum start-up current of 13 A at 50 Hz and 14 A at 60 Hz.

The operating voltage is 400 V, 3-phase, 50 Hz, or 460 V, 3-phase, 60 Hz. The module operates efficiently within a temperature range of 10 °C to 54 °C and has a permissible operating pressure of up to 30 bar.

For optimal performance, a base or plinth with a height of 100 or 200 mm is recommended. This cooling module is ideal for applications requiring reliable and efficient thermal management solutions.