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SK 3310.700

Modular climate control concept - Cooling module "Blue e"

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3310.700 - Modular climate control concept - Cooling module "Blue e" Total cooling output 1.50 - 2.50 kW

Cooling module for climate control doors. Cooling output from 1500 to 2500 W.



Features

Model No.	SK 3310.700
Product description	All cooling modules may be individually combined with any climate control door. The cooling modules are equipped with energy-efficient Blue e technology, with integral e-Comfort controller and electric condensate evaporation as standard.
Benefits	May be linked to the IoT interface via Blue e IoT adaptor for cooling units from 500 W cooling output with e-Comfort controller
Material	Sheet steel
Colour	RAL 7035
Supply includes	Condenser with hydrophobic RiNano coating Cooling module prepared for installation in climate control door Integral electric condensate evaporation Fully wired ready for connection (plug-in terminal strip)
Rated current max.	At 50 Hz: 8.1 A At 60 Hz: 10.1 A
Start-up current max.	At 50 Hz: 22 A At 60 Hz: 24 A
Power consumption Pel 50/60 Hz L35 L35	1.47 kW/1.88 kW

Features

Power consumption Pel 50/60 Hz L35 L50	1.63 kW/2.09 kW
Temperature control	e-Comfort controller (factory setting +35 °C)
At 60 Hz	10.1 A
Note	A base/plinth with a height of 100 or 200 mm is required for efficient operation
Air throughput (unimpeded air flow)	External circuit: 1,100 m ³ /h Internal circuit: 1,100 m ³ /h
Refrigerant/cooling medium	Refrigerant: R-513A Quantity: 1 kg Global Warming Potential (GWP): 631 CO ₂ equivalent (CO ₂ e): 0.63 t
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 1.84 Refrigeration factor L35 L35 (EER) 60 Hz: 1.46
Operating temperature range	10 °C...55 °C
Permissible operating pressure (p. max.)	30 bar
Pre-fuse	Miniature circuit-breaker/fuse: 16 A
Setting range	20 °C...53 °C
Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 2.7 kW Cooling output L35 L35/60 Hz: 2.75 kW Cooling output L35 L50/50 Hz: 1.72 kW Cooling output L35 L50/60 Hz: 1.82 kW
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Packs of	1 pc(s).
Net weight	72 kg
Gross weight	77 kg
Customs tariff number	84158200
ETIM 9	EC002510
ETIM 8	EC002510
ECLASS 8.0	27180702

Features

Product description	SK modular climate control concept, Blue e cooling module, 2.7/2.75 kW, 230 V, 1~, 50/60 Hz
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Approvals

Approvals	UL + C-UL (listed) UR + C-UR (recognized)
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Explanations	Declaration of conformity Declaration of conformity - F-gas regulation
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