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SK 3184.840

Blue e+ S wall-mounted cooling unit

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3184.840 - Blue e+ S wall-mounted cooling unit 0.3 kW – 1 kW

Blue e+ S cooling units with tried-and-tested Blue e+ technology are the world's most energy-efficient cooling units. This means they reduce the carbon footprint of your machines and systems. Available in a brand new design with a host of smart functions.

Features

Model No.	SK 3184.840
Design	wall-mounted
Benefits	Contributes to climate-neutral production with average energy savings of 75% and a reduced carbon footprint Multi-voltage capabilities and country-specific approvals support global usability Smart, simple monitoring via IoT interface User-friendly operation with the Rittal Scan & Service app
Material	Sheet steel
General colour	RAL 7035
Colour	Enclosure: RAL 7035 Louvred grille: RAL 7012
Supply includes	Assembly parts Fully wired ready for connection (plug-in terminal strip) Integral electric condensate evaporation
Options	For remote monitoring and networking of cooling units and chillers in the Blue e+ generation, please use the IoT interface (Model No. 3124.300). Increase machine availability and process reliability with remote monitoring of device data, statuses and system messages.
Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 1 kW Cooling output L35 L35/60 Hz: 1 kW Cooling output L35 L50/50 Hz: 0.6 kW Cooling output L35 L50/60 Hz: 0.6 kW
Rated operating voltage	380 V - 480 V, 2~, 50 Hz/60 Hz

Features

Note	<p>Please observe the mounting instructions.</p> <p>By downloading the software, a contract is concluded between the contractual partner and Rittal for the free use of the software in accordance with these licence conditions.</p> <p>Only suitable for use in semi-outdoor areas (see instructions for description)</p>
Note on Model No.	Tolerance: 380 V -10% (342 V) and 480 V +10% (528 V)
Rated power input	0.59 kW
Air throughput (unimpeded air flow)	<p>External circuit: 680 m³/h</p> <p>Internal circuit: 680 m³/h</p>
Energy efficiency ratio (EER) 50/60 Hz L35 L35	<p>Refrigeration factor L35 L35 (EER) 50 Hz: 2.37</p> <p>Refrigeration factor L35 L35 (EER) 60 Hz: 2.37</p>
Design	wall-mounted
Dimensions	<p>Width: 400 mm</p> <p>Height: 950 mm</p> <p>Depth: 196 mm</p>
Required mounting cut-out	<p>Cut-out width: 383 mm</p> <p>Cut-out height: 929 mm</p>
Protection category to IEC 60 529	Internal circuit IP 55
Protection category NEMA	<p>UL Type 12</p> <p>UL Type 3R</p>
Refrigerant/cooling medium	<p>Refrigerant: R-513A</p> <p>Quantity: 0.31 kg</p> <p>Global Warming Potential (GWP): 631</p> <p>CO2 equivalent (CO2e): 0.2 t</p>
Temperature control	e+ controller (factory setting +35 °C)
Operating temperature range	-20 °C...60 °C
Storage temperature range	-40 °C...70 °C
Operating temperature range of refrigerant circuit (active)	3 °C...60 °C
Heat pipe operating temperature range	-20 °C...45 °C

Features

Setting range	20 °C...50 °C
Power consumption Pel	Power consumption L35 L35/50 Hz: 0.42 kW Power consumption L35 L35/60 Hz: 0.42 kW Power consumption L35 L50/50 Hz: 0.49 kW Power consumption L35 L50/60 Hz: 0.49 kW
Permissible operating pressure (p. max.)	34 bar
Packs of	1 pc(s).
Net weight	31
Gross weight	32
Customs tariff number	84158200
EAN	4028177949942
ETIM 9	EC000855
ETIM 8	EC000855
ECLASS 8.0	27180704

Approvals

Approvals	30 - KC Korea UL + C-UL (listed) UL + C-UL - FTTA
Explanations	Declaration of conformity Declaration of conformity - F-gas regulation