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Roof-mounted cooling unit Blue e+ IT – SK 3312.800

Date : Aug 18, 2021

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FRIEDHELM LOH GROUP



Roof-mounted cooling unit Blue e+ IT – SK 3312.800

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Product description

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| Description: | The use of Blue e+ technology makes this bundle ideally suited to the requirements of energy-efficient cooling of IT racks. In combination with the IoT interfaces, it supports communication with various different systems as well as monitoring and energy management. |
| Benefits: | Energy savings thanks to speed-regulated components and heat pipe technology Suitable for international use due to a unique multi-voltage capability Intuitive operation due to touch display and intelligent interfaces |
| Function principle: | The cold air is directed immediately in front of the 482.6 mm (19") level and drawn in by the IT equipment. The warm air expelled to the rear is drawn in and cooled down again by the roof-mounted unit. Air baffle plates on the 482.6 mm (19") level separate the cold and hot air. |
| Material: | Sheet steel |
| Colour: | RAL 7035 |
| Protection category IP to IEC 60 529: | External circuit IP 54 with pleated filter Internal circuit IP 54 with pleated filter |
| Supply includes: | Bundle comprised of the following individual components: Roof-mounted cooling unit (3185.730) IoT interface (3124.300) Temperature sensor (3124.400) Connection cable (7030.091) Nylon loop cable holder (7111.350) |
| Note: | Firmware can be updated using the RiDiag III software (3159.300) |

Product description

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| Total cooling output to DIN EN 14511: | L 30 L 22: 1600 W |
| Rated power input: | 0.75 kW |
| Rated operating voltage: | 110 V - 240 V, 1~, 50 Hz/60 Hz 380 V - 480 V, 3~, 50 Hz/60 Hz |
| Dimensions: | Width: 700 mm Height: 308 mm Depth: 560 mm |
| Temperature control: | e+ controller |
| Protocols: | OPC-UA SNMPv1 SNMPv2 SNMPv3 Modbus/TCP TCP/IPv4 TCP/IPv6 Radius Telnet SSH FTP SFTP HTTP HTTPS NTP DHCP DNS SMTP Syslog LDAP |
| Temperature range: | Bearing: -40 °C...+70 °C Operation (environment): -20 °C...+55 °C Heat pipe active mode: -20 °C...+45 °C Compressor system active mode: +3 °C...+60 °C Setting range: +20 °C...+50 °C |
| Refrigerant/cooling medium: | Refrigerant: R134a Quantity: 0.59 kg |
| Type of electrical connection: | Plug-in terminal strip |
| Duty cycle: | 100 % |
| Permissible operating pressure (p. max.): | 24 bar |
| eCl@ss 8.0/8.1: | 27180704 |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35: | |
| Packs of: | 1 pc(s). |

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|-------------------------------|---|
| Weight/pack: | 38 kg |
| EAN: | 4028177942431 |
| Customs tariff number: | 84158200 |
| ETIM 7.0: | EC000855 |
| ETIM 6.0: | EC000855 |
| eCl@ss 8.0/8.1: | 27180704 |
| eCl@ss 6.0/6.1: | 27180704 |
| Product description: | SK IT roof-mounted cooling unit Blue e+, 1.6 kW, for energy-efficient cooling of IT racks |
| Approvals | |
| Certificates: | EAC |
| Declarations: | Declaration of conformity |