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SK 3214.100

Air-water heat exchangers

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ENCLOSURES

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CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3214.100 - Air-water heat exchangers wall-mounted

Output classes 375 – 5,000 W. For use in tough environments. Convenient mounting options and flexible water connection options. External mounting or full internal mounting possible.

Features

| | |
|--|--|
| Model No. | SK 3214.100 |
| Design | wall-mounted Water-carrying parts, copper/brass (Cu/CuZn) |
| Product description | For use in harsh environments and temperature ranges up to +70 °C. User-friendly assembly plus flexible water connection options. External mounting or full internal mounting are supported. |
| Colour | RAL 7035 |
| Supply includes | Fully wired ready for connection Drilling template Sealing and assembly parts |
| Total cooling output | L 35 W 10 at 200 l/h: 0.6 kW L 35 W 10 at 400 l/h: 0.7 kW |
| Rated operating voltage | 230 V, 1~, 50 Hz/60 Hz |
| Power consumption P _{el} | At 50 Hz: 36 W At 60 Hz: 37 W |
| Rated current max. | At 50 Hz: 0.17 A At 60 Hz: 0.18 A |
| Permissible operating pressure (p. max.) | 1 - 10 bar |
| Duty cycle | 100 % |
| Cooling medium | Water (see Internet for specifications) |
| Water inlet temperature | 1 °C...30 °C |
| Water connections | 3/8" connector sleeve |
| Temperature control | Thermostat-controlled magnetic valve |

Features

| | |
|-----------------------------------|--|
| Temperature monitoring | Internal thermostat, with change-over contact, switching load 16 A, setting range +20 °C ... +60 °C (factory setting +35 °C) |
| Operating temperature range | 1 °C...70 °C |
| Note | Integral non-return valve for version with e-Comfort controller |
| Dimensions | Width: 200 mm Height: 500 mm Depth: 100 mm |
| Pre-fuse | Miniature circuit-breaker/fuse: 2 A |
| Setting range | 20 °C...55 °C |
| Protection category to IEC 60 529 | IP 55 |
| Protection category NEMA | UL Type 1 |
| Packs of | 1 pc(s). |
| Net weight | 6.228 |
| Gross weight | 6.556 |
| Customs tariff number | 84158300 |
| EAN | 4028177232853 |
| ETIM 9 | EC002515 |
| ETIM 8 | EC002515 |
| ECLASS 8.0 | 27180712 |

Approvals

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|--------------|-------------------------------|
| Approvals | CSA UR + C-UR (recognized) |
| Explanations | Declaration of conformity |

Tender text

Wall-mounted air/water heat exchanger
For use in tough environments. Flexible water connection options.
Total cooling output:
L35 W10, 200l/h: 0.6 kW
L35 W10, 400l/h: 0.7 kW
Rated operating voltage: 230 V, 50/60 Hz
Refrigerant: Water (see specifications)
Water-carrying parts: Cu/CuZn
Dimensions [W x H x D]: 200 x 500 x 100 mm
Ambient temperature range: 1°C to 70°C
Setting range: 20°C to 55°C
Water inlet temperature range: 1°C to 30°C
Temperature control and monitoring:
Thermostat-controlled magnetic valve
Type of connection: Plug-in terminal strip
Protection category to IEC 60 529: IP55
Weight: 7 kg
Colour: RAL 7035