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SK 3343.230 Coolant Distribution Unit

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FRIEDHELM LOH GROUP



SK 3343.230 - Coolant Distribution Unit CDU In-Rack

Liquid-to-liquid coolant distribution unit for liquid-cooled high-performance servers. The CDU In-Rack separates the building's water circuit from the refrigerant circuit of the IT equipment. This ensures that the requisite volumetric flow, pressure and quality of the cooling medium in the secondary circuit are maintained at all times.



Caractéristiques

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|--------------------------------------|---|
| Référence | SK 3343.230 |
| Modèle | Refroidissement de baie |
| Matériau | Tôle d'acier laquée |
| Couleur | RAL 9005 |
| Composition de la livraison | Ready-to-connect CDU In-Rack (4 OU) Control module (1 OU) TCS filter 25 µm |
| Options | Filter size Écran |
| Puissance frigorifique totale | 150 kW at 6K ATD 200 kW at 8K ATD |
| Nominal flow rate, secondary circuit | 225 l/min: at 1.5 bar |
| Number of pumps and Type of pump | 3 Variable Speed Drive (VSD) centrifugal pump |
| Tension nominale | 48 V (DC) |
| Type de raccordement (électrique) | DC busbar |
| Dimensions | CDU In-Rack: 548 mm x 188,5 mm x 855 mm Control Modul: 548 mm x 46,8 mm x 853,4 mm |

Caractéristiques

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| Poids en fonctionnement | 93 kg |
| Connexion hydraulique | FWS: 1 1/2" sanitary flange with tri-clamp TCS: 1 1/2" sanitary flange with tri-clamp |
| Alimentation en eau | Facility Water System (FWS): Rear Technical Cooling System (TCS): Rear |
| Plage de température de service du liquide de refroidissement | FWS: 10 °C...50 °C TCS: 20 °C...55 °C |
| Liquide de refroidissement | FWS: Water TCS: Water + PG25 |
| Pression de régime tolérée (p max.) | FWS: 10 bar TCS: 5 bar |
| Filtre du circuit secondaire | 25 µm, optional 50 µm |
| avec aptitude hot swap | Control Module Capteurs |
| Redundant cooling | Pump : N+1 |
| Supervision | Monitoring of all system-relevant parameters such as temperature, humidity, pressure, flow rate, filter, leaks, component status |
| Protocoles | Redfish Modbus/TCP HTTP, HTTPS, SSL, SSH, NTP, Telnet, TCP/IP v4, TCP/IP v6, DHCP, DNS, NTP, Syslog, SNMP v1, SNMP v2c, SNMP v3, OPC-UA, FTP/SFTP, SMTP LDAP RCCMD |
| Surveillance de fuites | Oui |
| Convient au type d'enveloppe | Baie OCP ORV3 |
| Power consumption (max) | 3,2 kW |
| Unité d'emballage | 1 p. |
| Numéro du tarif douanier | 84158200 |
| Description produit | CDU In-Rack, 150 kW at 6K ATD, 548x188.5x855 mm (WHD) |