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SK 3343.200 Coolant Distribution Unit

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FRIEDHELM LOH GROUP



SK 3343.200 - Coolant Distribution Unit CDU In-Row

Liquid-to-liquid coolant distribution unit for cooling liquid-cooled high-performance servers. The CDU In-Row 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.



Features

Št. Modela	SK 3343.200
Zasnova	Hlajenje serije ohišij
Material	Jeklena pločevina, lakirano
Barva	RAL 9005
Obseg dobave	Ready-to-connect CDU In-Row unit Vent valves Senzor puščanja
Možnosti	No. of pump units Redundant power supply Connection: Hard-wired, NEMA or CEE connector Filter size Insulated FWS pipework Emergency off switch
Skupna hladilna moč	1.000 kW at 4K ATD 1.500 kW at 6K ATD
Nominal flow rate, secondary circuit	1.500 l/min: at 2.0 bar (N+1) 1.875 l/min: at 1.8 bar (N)
Number of pumps and Type of pump	15 Variable Speed Drive (VSD) centrifugal pump

Features

Nazivna delovna napetost	200 - 277 V AC, 3~, 50/60 Hz 346 - 480 V AC, 50/60 Hz 240 - 380 V DC
Poraba energije (približno)	18 kW
Vrsta električne povezave	2 x NEMA L22-30P
Delovno temperaturno območje	5 °C...35 °C
Stopnja hrupa	73,4 dB(A)
Mere	Š x V x G: 600 mm x 2.300 mm x 1.400 mm
Delovna teža	1.250 kg
Priključki za vodo	FWS: 4" sanitary flange with tri-clamp TCS: 4" sanitary flange with tri-clamp
Dovod vode	Facility Water System (FWS): Base or roof Technical Cooling System (TCS): Base or roof
Delovno temperaturno območje hladilnega medija	FWS: 10 °C...50 °C TCS: 20 °C...55 °C
Hladilni medij	FWS: Water TCS: Water + PG25
Dovoljen delovni tlak (p maks.)	FWS: 10 bar TCS: 5 bar
Sekundarni tokokrog filtra	25 µm, optional 50 µm
združljiv z zamenjavo med delovanjem	Pump unit Control Module Filter Senzorji Motor of 2-way valve Filling pump Drain valve
Redundant cooling	Pump unit: N+1 Filter: 2N
Nadzor	Monitoring of all system-relevant parameters such as temperature, humidity, pressure, flow rate, filter, leaks, component status

Features

Protokoli	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
Nadzor puščanja	Yes
Paketi	1 pc(s).
Carinska tarifna številka	84733080
Opis izdelka	CDU In-Row, 1000 kW @ 4K ATD, 600x2300x1400 mm WHD

Approvals

Approvals	Cyber Security Certificate IEC CB UL + C-UL (listed)
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