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SK 3343.230

Coolant Distribution Unit

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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.





Features

Model No.	SK 3343.230
Design	Rack cooling
Material	Sheet steel, spray-finished
Colour	RAL 9005
Supply includes	Ready-to-connect CDU In-Rack (4 OU) Control module (1 OU) TCS filter 25 µm
Options	Filter size Display
Total cooling output	150 kW at 6K ATD 200 kW at 8K ATD
Nominal flow rate, secondary circuit	225 l/min: at 1.5 bar (N+1)
Number of pumps and Type of pump	3 Variable Speed Drive (VSD) centrifugal pump
Rated operating voltage	48 V (DC)
Type of electrical connection	DC busbar
Dimensions	CDU In-Rack: 548 mm x 188.5 mm x 855 mm Control module: 548 mm x 46.8 mm x 853.4 mm

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Features

Operating weight	93 kg
Water connections	FWS: 1 1/2" sanitary flange with tri-clamp TCS: 1 1/2" sanitary flange with tri-clamp
Water supply	Facility Water System (FWS): Rear Technical Cooling System (TCS): Rear
Operating temperature range of cooling medium	FWS...10 °C...50 °C TCS...20 °C...55 °C
Cooling medium	FWS: Water TCS: Water + PG25
Permissible operating pressure (p. max.)	FWS: 10 bar TCS: 5 bar
Filter secondary circuit	25 µm,optional 50 µm
hot swap compatible	Control Module Sensors
Redundant cooling	Pump : N+1
Monitoring	Monitoring of all system-relevant parameters such as temperature, humidity, pressure, flow rate, filter, leaks, component status
Protocols	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
Leak monitoring	Yes
To fit enclosure type	OCP ORV3 rack
Power consumption (max)	3.2 kW
Packs of	1 pc(s).
CRA risk class	Default (Low Risk)
Customs tariff number	84158200
Product description	CDU In-Rack, 150 kW at 6K ATD, 548x188.5x855 mm (WHD)

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Approvals

Approvals	Cyber Security Certificate