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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.



Caratteristiche

Codice prodotto	SK 3343.230
Esecuzione	Impianti di raffreddamento
Materiale	Lamiera d'acciaio, verniciata
Colore	RAL 9005
Parti incluse nella fornitura	Ready-to-connect CDU In-Rack (4 OU) Control module (1 OU) TCS filter 25 µm
Opzioni	Filter size Display
Potenza frigorifera 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
Tensione nominale di esercizio	48 V (DC)
Connessione elettrica	DC busbar
Dimensioni	CDU In-Rack: 548 mm x 188,5 mm x 855 mm Control Modul: 548 mm x 46,8 mm x 853,4 mm

Caratteristiche

Peso in esercizio	93 kg
Raccordi idraulici	FWS: 1 1/2" sanitary flange with tri-clamp TCS: 1 1/2" sanitary flange with tri-clamp
Approvvigionamento idrico	Facility Water System (FWS): Rear Technical Cooling System (TCS): Rear
Range temperatura di esercizio mezzo frigorifero	FWS: 10 °C...50 °C TCS: 20 °C...55 °C
Mezzo frigorifero	FWS: Water TCS: Water + PG25
Pressione di esercizio (p max.)	FWS: 10 bar TCS: 5 bar
Filtro circuito secondario	25 µm, optional 50 µm
funzionalità hot swap	Control Module Sensori
Redundant cooling	Pump : N+1
Monitoraggio	Monitoring of all system-relevant parameters such as temperature, humidity, pressure, flow rate, filter, leaks, component status
Protocolli	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
Monitoraggio perdite	sì
Adatta per tipo di contenitore	OCP ORV3 Rack
Power consumption (max)	3,2 kW
Confezione	1 pz.
Codice tariffa doganale	84158200
Descrizione prodotto	CDU In-Rack, 150 kW at 6K ATD, 548x188.5x855 mm (WHD)