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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.



## Funksjoner

Art.nr	SK 3343.230
Utførelse	Rack-kjøling
Materiale	stålplate, lakkert
Farge	RAL 9005
Leveringsomfang	Ready-to-connect CDU In-Rack (4 OU) Control module (1 OU) TCS filter 25 µm
Opsjoner	Filter size Display
Total kjøleeffekt	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
Måledriftsspenning	48 V (DC)
Tilkoblingsmåte (elektrisk)	DC busbar
Dimensjoner	CDU In-Rack: 548 mm x 188,5 mm x 855 mm Control Modul: 548 mm x 46,8 mm x 853,4 mm

# Funksjoner

Driftsvekt	93 kg
Vanntilkoblinger	FWS: 1 1/2" sanitary flange with tri-clamp TCS: 1 1/2" sanitary flange with tri-clamp
Vanntilførsel	Facility Water System (FWS): Rear Technical Cooling System (TCS): Rear
Driftstemperaturområde kjølemedium	FWS: 10 °C...50 °C TCS: 20 °C...55 °C
Kjølemedium	FWS: Water TCS: Water + PG25
Tillatt driftstrykk (p maks.)	FWS: 10 bar TCS: 5 bar
Filter sekundærkretsløp	25 µm, optional 50 µm
hot swap-komp	Control Module Sensorer
Redundant cooling	Pump : N+1
Overvåking	Monitoring of all system-relevant parameters such as temperature, humidity, pressure, flow rate, filter, leaks, component status
Protokoller	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
Lekkasjeovervåking	Ja
Passer for kapslingstype	OCP ORV3 Rack
Power consumption (max)	3,2 kW
Pakkeenhet	1 stk.
Tolltariffnummer	84158200
Produktbeskrivelse	CDU In-Rack, 150 kW at 6K ATD, 548x188.5x855 mm (WHD)