

Rittal – The System.

Faster – better – everywhere.



SK 3343.230 Coolant Distribution Unit

State: 11.7.2026 (Source: [rittal.com/sk-sk](https://www.rittal.com/sk-sk))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

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.



Features

Obj. č.	SK 3343.230
Prevedenie	Chladienie serverovej skrine
Materiál	Oceľový plech, s nástrekom
Farba	RAL 9005
Rozsah dodávky	Ready-to-connect CDU In-Rack (4 OU) Control module (1 OU) TCS filter 25 µm
Voliteľné doplnky	Filter size Displej
Celkový chladiaci výkon	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
Menovité prevádzkové napätie	48 V (DC)
Spôsob (elektrického) pripojenia	DC busbar
Rozmery	CDU In-Rack: 548 mm x 188,5 mm x 855 mm Control module: 548 mm x 46,8 mm x 853,4 mm

Features

Prevádzková hmotnosť	93 kg
Prípojky vody	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
Rozsah prevádzkovej teploty chladiaceho média	FWS: 10 °C...50 °C TCS: 20 °C...55 °C
Chladiace médium	FWS: Water TCS: Water + PG25
Prípustný prevádzkový tlak (p max.)	FWS: 10 bar TCS: 5 bar
Filter secondary circuit	25 µm, optional 50 µm
interné, s možnosťou výmeny počas prevádzky	Control Module Senzory
Redundant cooling	Pump : N+1
Monitorovanie	Monitoring of all system-relevant parameters such as temperature, humidity, pressure, flow rate, filter, leaks, component status
Protokoly	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
Vhodné pre typ skrine	OCP ORV3 rack
Power consumption (max)	3,2 kW
Balenie	1 pc(s).
Číslo colnej sadzby	84158200
Popis výrobku	CDU In-Rack, 150 kW at 6K ATD, 548x188.5x855 mm (WHD)

Approvals

Approvals

Cyber Security Certificate