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SK 3343.230 Coolant Distribution Unit

Estado: 22-05-2026 (Fonte: rittal.com/pt-pt)

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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.



Recursos

Cód. Ref.	SK 3343.230
Modelo	Climatização de racks
Material	Chapa de aço pintada
Cor	RAL 9005
Escopo de fornecimento	Ready-to-connect CDU In-Rack (4 OU) Control module (1 OU) TCS filter 25 µm
Opcionais	Filter size Display
Potência de refrigeração total	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
Tensão nominal de serviço	48 V (DC)
Tipo de ligação (elétrica)	DC busbar
Dimensões	CDU In-Rack: 548 mm x 188,5 mm x 855 mm Control Modul: 548 mm x 46,8 mm x 853,4 mm

Recursos

Peso operacional	93 kg
Conexões de água	FWS: 1 1/2" sanitary flange with tri-clamp TCS: 1 1/2" sanitary flange with tri-clamp
Entrada de água	Facility Water System (FWS): Rear Technical Cooling System (TCS): Rear
Faixa de temperatura de serviço do gás refrigerante	FWS: 10 °C...50 °C TCS: 20 °C...55 °C
Agente refrigerante	FWS: Water TCS: Water + PG25
Pressão permitida para operação (p máx.)	FWS: 10 bar TCS: 5 bar
Filtro do circuito secundário	25 µm, optional 50 µm
compatíveis com hot swap	Control Module Sensores
Redundant cooling	Pump : N+1
Monitoramento	Monitoring of all system-relevant parameters such as temperature, humidity, pressure, flow rate, filter, leaks, component status
Protocolos	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
Detecção de vazamento	sim
Adequado para caixas/armários do tipo	Rack OCP ORV3
Power consumption (max)	3,2 kW
Emb.	1 unid.
Número da tarifa alfandegária	84158200
Descrição do produto	CDU In-Rack, 150 kW at 6K ATD, 548x188.5x855 mm (WHD)