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SK 3343.230 Coolant Distribution Unit

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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.



Características

Referencia	SK 3343.230
Ejecución	Refrigeración de rack
Material	Chapa de acero, pintada
Color	RAL 9005
Unidad de envase	Ready-to-connect CDU In-Rack (4 OU) Control module (1 OU) TCS filter 25 µm
Opciones	Filter size Display
Potencia total de refrigeración	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
Tensión de servicio	48 V (c.c.)
Tipo de conexión (eléctrica)	DC busbar
Dimensiones	CDU In-Rack: 548 mm x 188,5 mm x 855 mm Control Modul: 548 mm x 46,8 mm x 853,4 mm

Características

Peso en servicio	93 kg
Acometidas de agua	FWS: 1 1/2" sanitary flange with tri-clamp TCS: 1 1/2" sanitary flange with tri-clamp
Entrada de agua	Facility Water System (FWS): Rear Technical Cooling System (TCS): Rear
Rango de temperatura del medio refrigerante	FWS: 10 °C...50 °C TCS: 20 °C...55 °C
Medio refrigerante	FWS: Water TCS: Water + PG25
Presión de servicio admisible (p máx.)	FWS: 10 bar TCS: 5 bar
Filtro para circuito secundario con capacidad hot swap	25 µm, optional 50 µm Control Module Sensores
Redundant cooling	Pump : N+1
Monitorización	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
Control de fugas	sí
Adecuado para tipo de armario	Rack OCP ORV3
Power consumption (max)	3,2 kW
Unidad de embalaje	1 pza(s).
Código arancelario	84158200
Descripción producto	CDU In-Rack, 150 kW at 6K ATD, 548x188.5x855 mm (WHD)