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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.



Features

品番	SK 3343.230
仕様	ラック冷却
材質	鋼板、塗装済み
塗装色	RAL 9005
同梱品	Ready-to-connect CDU In-Rack (4 OU) Control module (1 OU) TCS filter 25 µm
オプション	Filter size ディスプレイ
冷却能力	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

Features

定格電圧	48 V (DC)
電源接続	DC busbar
外形寸法	CDU In-Rack: 548 mm x 188.5 mm x 855 mm Control Modul: 548 mm x 46.8 mm x 853.4 mm
動作質量	93 kg
水配管接続	FWS: 1 1/2" sanitary flange with tri-clamp TCS: 1 1/2" sanitary flange with tri-clamp
給水	Facility Water System (FWS): Rear Technical Cooling System (TCS): Rear
使用温度範囲 (冷却媒体)	FWS: 10 °C...50 °C TCS: 20 °C...55 °C
冷却剤	FWS: Water TCS: Water + PG25
許容最大圧力 (p 最大)	FWS: 10 バール TCS: 5 バール
二次側回路フィルター	25 µm, optional 50 µm
ホットスワップ可能	Control Module センサー
Redundant cooling	Pump : N+1
モニタリング	Monitoring of all system-relevant parameters such as temperature, humidity, pressure, flow rate, filter, leaks, component status

Features

プロトコル	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
冷媒漏れ監視	Yes
適用エンクロージャータイプ	OCP ORV3 ラック
Power consumption (max)	3.2 kW
1パック	1 個
関税率番号	84158200
製品説明	CDU In-Rack, 150 kW at 6K ATD, 548x188.5x855 mm (WHD)