SK 3412.800

Roof-mounted Blue e+ IT cooling unit

State: 2/19/2026 (Source: rittal.com/us-en)

SK 3412.800 - Roof-mounted Blue e+ IT cooling unit

Through the use of the Blue e+ technology, the bundle is ideally suited to the requirements for energy-efficient cooling of IT racks. In combination with the IoT interfaces, it supports communication to various systems as well as monitoring and energy management.

Features

Model No.	SK 3412.800
Version	roof-mounted
Product description	Through the use of the Blue e+ technology, the bundle is optimally matched to the requirements for energy-efficient cooling of IT racks. In combination with the interfaces of the IoT interface, communication to various systems as well as monitoring and energy management takes place.
Benefits	Energy saved due to speed-regulated components and heat pipe technology Suitable for international use due to a unique multi-voltage capability Intuitive operation due to touch display and intelligent interfaces
Technical specifications	Further information, instructions and technical data for the individual components listed in this bundle can be found on the respective article pages
Material	Carbon steel
Color	RAL 7035

Features

Supply includes	Bundle comprised of the following individual components: IoT interface (3124.300) Temperature sensor (3124.400) Connection cable (7030.091) Nylon loop cable holder (7111.350) Roof-mounted cooling unit (3485.730)
Useful cooling output L22 L30	1,600 W
Rated operating voltage	110 V - 240 V, 1~, 50 Hz/60 Hz 380 V - 480 V, 3~, 50 Hz/60 Hz
Rated output	0.75 kW
Type of connection (electrical)	Plug-in terminal strip
Dimensions	Width: 700 mm Height: 308 mm Depth: 560 mm Width: 27.6 ˝ Height: 12.1 ˝ Depth: 22 ˝
Duty cycle	100 %
Temperature control	e+ controller

Features

Protocols	OPC-UA
	SNMPv1
	SNMPv2
	SNMPv3
	Modbus/TCP
	TCP/IPv4
	TCP/IPv6
	Radius
	Telnet
	SSH
	FTP
	SFTP
	HTTP
	HTTPS
	NTP
	DHCP
	DNS
	SMTP
	Syslog
	LDAP
Operating temperature range	-20 °C...55 °C
	-4 °F...131 °F
Permissible operating pressure (p. max.)	24 bar
	348.1 PSI
Storage temperature range	-40 °C...70 °C
	-40 °F...158 °F
Setting range	20 °C...50 °C
	68 °F...122 °F
Protection category IP to EN 60 529	External circuit IP 54 with pleated filter
	Internal circuit IP 54 with pleated filter
Refrigerant/cooling medium	Refrigerant: R-1234yf
	Quantity: 0.56 kg
	Global Warming Potential (GWP): 0.5
	CO_2 equivalent (CO2e): 0 t
	Refrigerant: R-1234yf
	Quantity: 1.2 lb.
Packaging unit	1 pc(s).

Features

Net weight	50 kg
Gross weight	54 kg
Customs tariff number	84158200
ECLASS 8.0	27180704
Product description	Blue e+ IT for IT applications, 1.6 kW bundle, comprised of the following individual components: Roof-mounted cooling unit (3485.730), IoT interface (3124.300), temperature sensor (3124.400), connection cable (7030.091), nylon loop cable holder (7111.350), WxHxD: 700x308x560 mm

Approvals

Certificates	EAC
Explanations	Declaration of conformity