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SK 3124.300 IoT interface

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SK 3124.300 - IoT interface

The IoT interface is a central component for the intelligent networking of Rittal cooling solutions or sensors for monitoring physical ambient conditions. Equipped with a wide range of interfaces and protocols, it is used to collate and transmit data to superordinate IT systems or to systems for the local monitoring of machine statuses.

Features

Model No.	SK 3124.300
Product description	The IoT interface is a central component for the intelligent networking of Rittal cooling solutions or sensors for monitoring physical ambient conditions. Equipped with a wide range of interfaces and protocols, it is used to collate and transmit data to superordinate IT systems or to systems for the local monitoring of machine statuses.
Benefits	Digitalisation and networking offer huge opportunities for every company. With the IoT interface, Rittal cooling solutions and sensors for monitoring physical ambient conditions are easily connected to Industry 4.0 environments without affecting the automation logic. Plug and run: The IoT interface is quickly and conveniently configured and commissioned via the integral Web server, no programming required.
Material	Plastic to UL 94-V0
Colour	RAL 7016
Supply includes	IoT interface USB cable (USB-A connector on micro-USB-B connector) Angle bracket for Blue e+ cooling unit
Type of electrical connection	Push-in spring connection terminal (24 V DC)
Interface bus system	2 x RJ45 CAN bus
Network interface	Ethernet IPv4/IPv6 Ethernet to IEEE 802.3 via 10BASE-T, 100BASE-T and 1000BASE-T

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Features

Operating temperature range	0 °C70 °C
	Depth: 120 mm
Difficiono	Height: 117 mm
Dimensions	Width: 18 mm
	LDAP
	Syslog
	SMTP
	DNS
	DHCP
	NTP
	HTTPS
	HTTP
	SFTP
	SSH FTP
	Telnet
	Radius
	TCP/IPv6
	TCP/IPv4
	Modbus/TCP
	SNMPv3
	SNMPv2c
	SNMPv1
Protocols	OPC-UA
	(3124.310) is additionally required.
Note	To interlink cooling units in the Blue e series, the Blue e IoT adaptor
	firmware version 1.11.0 or above.
Note	The IoT interface is only supported by Blue e+ cooling units from
	60715 using a spring-loaded metal clip, or to the rear of a Blue e+cooling unit using the angle bracket.
Assembly instruction	The IoT interface can be secured on a 35 x 7.5 top hat rail to DIN EN
	1 x push-in spring connection terminal for NTC sensor 2 x RJ45 jack for RS 485 interface (climate control unit interface)
	1 x acknowledgement button
	1 x USB 2.0 high-speed functions (EHCI)
	1 x Micro-SD memory card slot for SD 2.0

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Features

IP protection category to IEC 60 529	IP 20
Packs of	1 pc(s).
Net weight	0.27
Gross weight	0.28
Customs tariff number	85234920
EAN	4028177924369
E-Number Sweden	E2809800
ETIM 9	EC001099
ETIM 8	EC001099
ECLASS 8.0	27143136

Approvals

Approvals	UL + C-UL (listed)
Certificates	EAC
Explanations	Declaration of conformity

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Tender text

SK 3124.300

Description:

The IoT interface is a central component for the intelligent networking of Rittal cooling solutions or sensors for monitoring physical ambient conditions.

Equipped with a wide range of interfaces and protocols, it is used to collate and transmit data to superordinate IT systems or to systems for the local monitoring of machine statuses.

Benefits:

Digitalisation and networking offer huge opportunities for every company.

With the IoT interface, Rittal cooling solutions and sensors for monitoring physical ambient conditions are easily connected to Industry 4.0 environments without affecting the automation logic.

Plug and run: The IoT interface is quickly and conveniently configured and commissioned via the integral Web server, no programming required.

Dimensions:

18 x 117 x 120 mm

Material:

Plastic to UL 94-V0

Colour:

RAL 7016 Anthrazitgrau

Protection category IP to IEC 60 529:

IP 20

Note:

The IoT interface is only supported by Blue e+ cooling units from firmware version 1.11.0 or above. If applicable, update the firmware using the RiDiag III software (3159.300).

To interlink cooling units in the Blue e series, the Blue e IoT adaptor (3124.310) is additionally required.

Supply includes:

IoT interface USB cable (USB-A connector on micro-USB-B connector) Angle bracket for Blue e+ cooling unit

Protocols:

SNMP

OPC-UA

Modbus/TCP

CAN-Bus

Profinet

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