

Rittal – The System.

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IoT interface – SK 3124.300

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FRIEDHELM LOH GROUP



IoT interface – SK 3124.300

created: 05.09.2019 build on www.rittal.com/uk-en



Product description

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
Assembly instruction:	The IoT interface can be secured on a 35 x 7.5 top hat rail to DIN EN 60715 using a spring-loaded metal clip, or to the rear of a Blue e+ cooling unit using the angle bracket.
Protection category IP to IEC 60 529:	IP 20
Supply includes:	IoT interface USB cable (USB-A connector on micro-USB-B connector) Angle bracket for Blue e+ cooling unit
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.

Product features

Dimensions: Width: 18 mm
Height: 117 mm
Depth: 120 mm

Protocols: OPC-UA
SNMPv1
SNMPv2c
SNMPv3
Modbus/TCP
TCP/IPv4
TCP/IPv6
Radius
Telnet
SSH
FTP
SFTP
HTTP
HTTPS
NTP
DHCP
DNS
SMTP
Syslog
LDAP

Interfaces: 1 x Micro USB type B (device) for USB 2.0
1 x Micro-SD memory card slot for SD 2.0
1 x USB 2.0 high-speed functions (EHCI)
1 x acknowledgement button
1 x push-in spring connection terminal for NTC sensor
2 x RJ45 jack for RS 485 interface (climate control unit interface)

Network interface: Ethernet IPv4/IPv6
Ethernet to IEEE 802.3 via 10BASE-T, 100BASE-T and 1000BASE-T

Interface bus system: 2 x RJ45 CAN bus

To fit: Blue e+ cooling units
Blue e+ chillers
Smart Monitoring System for NH fuse-switch disconnectors
Rittal sensors

Temperature range: Operation (environment): +0 °C...+70 °C

Type of electrical connection: Push-in spring connection terminal (24 V DC)

Packs of: 1 pc(s).

Weight/pack: 0.28 kg

EAN: 4028177924369

Customs tariff number: 85234920

ETIM 6.0: EC001099

ETIM 5.0:	EC001099
eCl@ss 8.0/8.1:	27143136
eCl@ss 7.0/7.1:	27210707
eCl@ss 6.0/6.1:	27210707
eCl@ss 5.1/5.1.4:	27180792

Product description: SK IoT Interface, for networking of Rittal components, for Blue e+ cooling units/Chiller, WHD: 18 x 117 x 120 mm

Approvals

Approvals: UL + C-UL

Certificates: EAC

Declarations: Declaration of conformity