RF-HXS0ETH.01S

KNX RF+ homeXpert Server, Secure



Product description:

The KNX RF+ homeXpert Server is the central interface between MDT RF+ devices and the MDT homeXpert Tool. It visualises statuses, controls devices and enables easy commissioning of MDT RF+ components via the homeXpert Tool without the need for an ETS licence. The optional MDT Cloud expands the range of functions to include remote features, such as remote access to visualisation or OTA (Over The Air) updates of the server. The server can be easily integrated into existing KNX projects using the ETS 6 application.

Product functions:

- **The server supports the simple commissioning of MDT RF+ devices via the homeXpert tool without the ETS**
- Visualisation and operation of lighting, shading, room temperature, status and scenes
- Operation via MDT homeXpert app **(Android and iOS)**
- Integrated time switch with 10 channels
- User rights administration with up to 8 user roles
- **Remote access to the visualisation via MDT Cloud (optional) and easy sharing – Possible even with limited functionality –**
- 12-channel room temperature controller (PWM)
- **Easy commissioning in KNX installations as of ETS 6 without additional software, supports KNX-Secure**
- Monitoring of devices
- User interface is generated automatically
- Individual allocation to rooms or functions
- **IP interface with 4 simultaneous connections (e.g. bus programming)**
- OTA updates via the MDT Cloud
- Cloud location within the EU
- Dimensions (H x W x D): 70 x 70 x 35 mm

Technical data:

Device	Device type	KNX RF+ homeXpert
	Article Number	RF-HXS0ETH.01S
	EAN / GTIN	4251916114350
	Dimensions (H x W x D)	70 x 70 x 35 mm
	Weight, gross (incl. packaging)	0.19 kg
	Protection classification	IP20
	Installation position	any
	Number of functions	200
	Number of IP cameras per server	4
	Number of diagrams	8
	Certification	EU Declaration of Conformity, according to Directive 2014/53/EU
	Transmission frequency	868.0 ... 868.6 MHz *1
	Range in the free field	150 m
	Output level	10 dBm
	Sensitivity	> -105 dBm
	Compatibility (mode)	KNX RF S-Mode
	Weight, net	0.144 kg
Performance data	Supply voltage U	5 V DC
KNX	KNX Medium	KNX RF 1.R
	KNX Application	as of ETS 6 (latest)
	KNX Secure	KNX Data Secure, KNX IP Secure
Environmental conditions	Ambient operating temperature	0 ... 45 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
	Condensation permissible	No
Connections	Connection type	LAN, RJ45 socket

*1 The use of the 868 MHz frequency band is subject to national regulations. Before commissioning, ensure that the applicable legal requirements of the respective country are reviewed and complied with.

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