

New Products 2008

ABB i-bus® KNX Security and Surveillance



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Room Master

The KNX Room Master controls the typical functions of a hotel room/apartment: Switching of lighting, control of heating and positioning of blinds are the typical tasks reliably performed by the device. The Room Master RM/S 1.1 Basic is ideal for a range of basic functions; a more comprehensive range of functions for rooms with more luxurious features is offered by the Room Master RM/S 2.1 Premium. Both devices can be combined with further KNX devices and can thus be used in a wide spectrum of rooms: from student apartments to assisted living arrangements, extending right up to hotel and hospital rooms.



Analogue Input

The Analogue Input AE/A can be employed wherever distributed analogue parameters have to be detected.

The ingenious housing concept enables fast, clearly arranged wiring and thus allows quick connection of sensors to the KNX bus. The AE/A provides a comprehensive range of setting options and can process a whole range of typical sensors (1 – 10 V, 0(4) – 20 mA, 0 – 1 V, PT 100, PT 1000,...) for detection of temperature, brightness, fluid level, etc.



IP Router, IP Interface

The IP Interface IPS/S 2.1 and the IP Router IPR/S 2.1 provide two new KNX devices compliant to the KNXnet/IP specification which can be used to easily integrate KNX systems into local networks.

The interface can use the tunnelling function to send or receive all KNX telegrams of a line or an area, and can also be used to remotely program all devices. The IP Router additionally incorporates the functions of a line coupler (routing) and can thus distribute telegrams in the network to other lines or areas, as well as receive telegrams from there.



Telephone

The TG/S of projects where the system by v Furthermore operated via heating can be activated operation an easily imple server. A tele can be chan

Universal Dim Act

The Universal Dim A perfectly suited for light 1 x 500 W. The auto the dimming perform lighting circuit and c Both channels can l phases. Comprehe scenes and variable flexible usage.





Light Controller, Light Sensor

The new generation of Light Controller LR/S and the specially adapted Light Sensor LF/U, control the lighting via 1 – 10 V ballasts and enable constant lighting control in a room. It can serve as a master for other devices. A whole range of new functions provide improved adaptability options to the conditions in the room and to the project requirements.



KNX Interface L240

The Intrusion Alarm Panel L240 with a comprehensive range of sensors for all surveillance tasks, and the comfortable arming mechanism SafeKey, provide a universal solution for professional applications. The integration in KNX systems is now possible using the Interface XS/S 1.1 Accordingly there are numerous benefits: for example, a door/window opening detector can be used to switch off the heating and save energy in the unarmed state. When an alarm is triggered, the KNX devices can carry out actions such as switching on the light or operating the blinds. The interaction offers further benefits in terms of system integration which comply to the demands of the VdS up to Class C.



Gateway

Offers the ideal solution for all where messages from the KNX voice, SMS or e-mail are required. a system can be remotely at the TG/S. For example, the be switched on or the blinds can by telephone using a PIN. The and parameterisation is quickly and mented using the integrated web ephone number or e-mail address gged by the user (without ETS).

Fan Coil Actuator

The Fan Coil Actuator FCA/S 1.1M features two electronic outputs for electro-thermal valve drives and 3 outputs for the individual fan stages used in the control of typical Fan Coil units. An additional load output switches further consumers (up to 16 A), for example, additional auxiliary heating systems. A window contact and a condensed water signal can be read via two binary inputs and transferred on the KNX. The easy to understand manual operation allows quick commissioning of the unit. If a bus voltage supply is unavailable the NTI/Z Power Supply can be used.



Actuator

Actuator UD/S 2.300.2 is per- ting circuits up to 2 x 300 W or omatic load detection optimises mance to suit the connected can be switched off if required. be connected to different nsive functions such as lighting e dimming speeds enable

Ordering Information

Selection Table

Type	Detail	Available from	Order code	bbn 40 16779 EAN
 RM/S 1.1 RM/S 2.1	Room Master, Basic	12/08	2CDG 110 094 R0011	66556 8
	Room Master, Premium		2CDG 110 095 R0011	66567 4
 IPR/S 2.1	IP Router	08/08	2CDG 110 061 R0011	65229 2
 IPS/S 2.1	IP Interface	08/08	2CDG 110 098 R0011	66484 4
 TG/S 3.2	Telephone Gateway	08/08	2CDG 110 068 R0011	66305 2
 LR/S 2.16.1 LR/S 4.16.1	Light Controller	07/08	2CDG 110 087 R0011	66405 9
	Light Controller		2CDG 110 088 R0011	66489 9
 LF/U 2.1	Light Sensor	07/08	2CDG 110 089 R0011	66416 5
 FCA/S 1.1M	Fan Coil Actuator	07/08	2CDG 110 084 R0011	66508 7
 UD/S 2.300.2	Universal Dim Actuator	05/08	2CDG 110 074 R0011	66306 9
 AE/A 2.1	Analogue Input 2-fold	06/08	2CDG 110 086 R0011	66401 1
 NTI/Z 28.30.1	Power Supply	07/08	2CDG 110 096 R0011	66316 8
 RTF/A 1.1	Room Temperature Controller	07/08	2CDG 006 138 R0001	11521 3*
 PS 1/4/6-KNX** PS 1/60/6-KNX** PS-END 1-S	Phase busbar, 1-phase, 4 contacts, 6 mm ²	05/08	2CDG 924 003 R0011	66758 6
	Phase busbar, 1-phase, 60 contacts, 6 mm ²		2CDG 924 004 R0011	66759 3
	End cover for PS1/60/6-KNX		2CDL 000 001 R0001	66698 5

* bbn 40 11395

** Product subject to a copper surcharge



The technical details in this publication are subject to change without notice.

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Your KNX-Partner

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