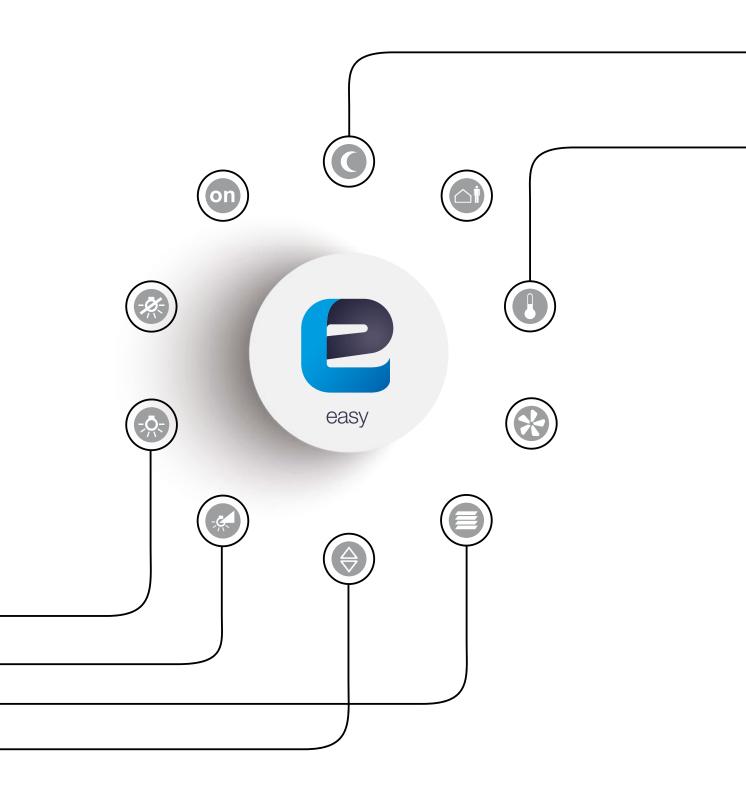


easy from Hager smart home made easy

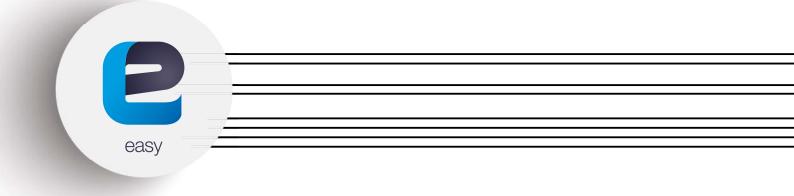


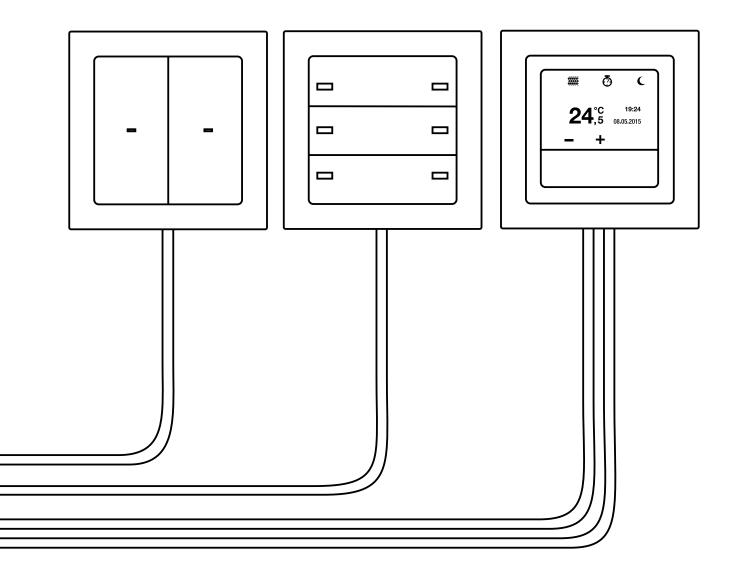
the easy answer!

easy from Hager, the new home control system that provides an easy-to-use application in private residential buildings, is the answer that many electrical installers have been waiting for. It's a novel, uncomplicated, quick and inexpensive solution – but above all else, the new easy configuration software is, as its name suggests, a breeze to use. You don't need any new hardware, or costly ETS software. **Consistently simple.**

With easy, all you need is an easy configuration server, a tablet and the easy app – and once you have those, you can create simple yet effective control solutions in real time. easy allows you to work quickly and reduces the amount of time you have to spend on programming. **Intuitive configuration.**

The system makes purchasing an intelligent building management system a worthwhile choice for even the average household. Not only that, but its modular nature also allows for expansion further down the line. You can plan ahead for your customers and help them to cut costs. **Efficient control.**





Contents

Hager makes things easy	4
easy installation	8
easy configuration	14
easy visualisation	18
easy operation	22
Product overview	26

Hager makes things easy The knx system range

KNX is an established standard everywhere, and one that our whole system range is fluent in. Any easy installation can be extended using quicklink wireless solutions or imported fully into the ETS software. Hager considers it essential that each one of its customers experiences this consistent concept, and by providing it, ensures they benefit from a solution that will hold up over the long term and offer as many expansion options as possible.

Guaranteed fit for the future.

Comparison of systems





quicklink wireless modules

- Island solution for individual rooms
- Retrofitting of existing buildings



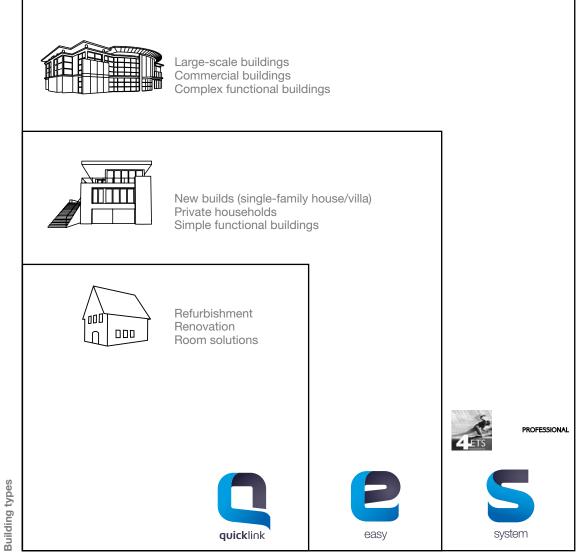
easy configurations

- Complete solution for residential buildings
- Excellent functions for private households



system programming

- Premium solution for residential buildings
- Meets complex requirements of functional buildings



Installation complexity

Making it really easy To create an intelligent home



You can program lighting scenarios to suit your customers' wishes, allowing them to create the atmosphere they are looking for quickly and easily. **Dimming control for setting the mood.** -

Design, operation and functionality at the peak of perfection. Hager makes smart home solutions an affordable option for anyone, with technology that is making inroads into average private households. Your customers are sure to love the new level of convenience it affords them. **Intelligent control centre.**

170-1-4

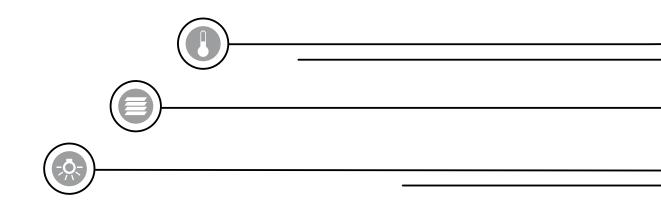
■ 0 × 193 ansan - + 8 The system makes operating roller shutters and blinds convenient and so easy, even a child could do it. The option to shade or darken a space at the touch of a button creates more comfortable surroundings for your customers. **Raised potential.**

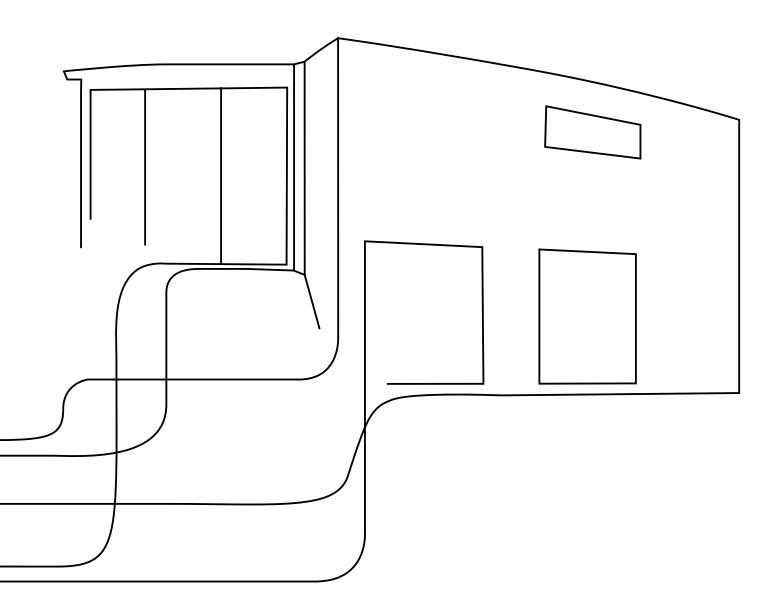


The option to switch everything off saves customers looking back over their shoulders after leaving the house. The simple control concept creates an intelligent home – even when the occupants are outside it. **Reassuring security solution.** 6.0

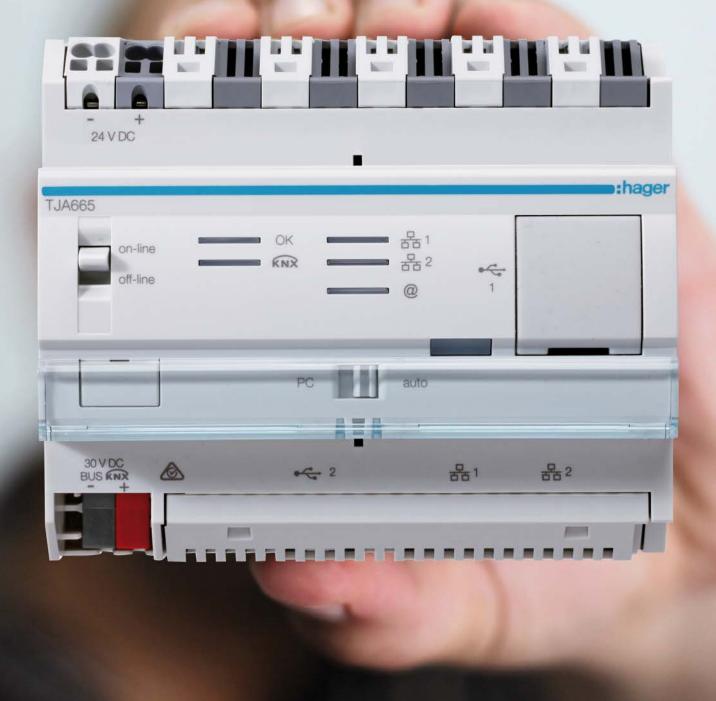
easy installation

- Various installation options
- Clear range of devices
- Reduced costs as compared with conventional ETS actuators





easy installation



The easy configuration server is at the heart of the system. It is installed in the main distribution system and acts as an intelligent partner during configuration. The easy configuration server forms the programming interface between the KNX installation and you while you are performing the configuration work on a tablet. Central management.

The new easy actuators are equipped with all the functions that residential buildings need – whether these involve switching lights on and off or dimming them, moving blinds, creating light scenes, or adapting to wind and weather conditions. easy systems come complete with all the security and comfort functions customers expect.

Visually speaking, the only way in which the easy actuators differ is their light-grey operation buttons – and inside the system, the easy functionality is virtually the sole difference.

Whether customers want to switch lights on and off and move blinds using combination actuators, or dim state-of-the-art lighting using dim actuators, easy actuators are capable of all this and more.





The new flush-mounted switching outputs are available as 1gang and 2gang switching outputs (in two versions). The 1gang output can be used for all types of lighting control – meaning not just switching lights on and off, but time, override, logic and scene functions too. With the 2gang output, there is the option of controlling two lighting circuits, a roller shutter/blind motor or a fan (2-stage activation).

A new feature comes in the form of the actuators that have been specifically developed for project business, which accommodate a high number of channels at an attractive price. In the 16gang and 20gang versions for lighting and blinds, as well as the 12gang versions for blinds at 230 V, they combine a large number of channels within a small space.



easy products

A place in the sun

The new easy actuators feature not only multifunctional binary outputs, but also specialist KNX blind outputs. Together with the new GPS weather station, this makes it possible to create a variety of comfort scenarios – including gradual roller shutter motions or blind slats that rotate in line with the sun. This both creates a more comfortable atmosphere for users and reduces lighting and heating costs.



KNX weather station with GPS

The new weather station, featuring a GPS antenna, measures precipitation, temperature, wind speed and the sun's position with accuracy. Based on this information, convenient shade and heat protection functions – such as position tracking and sun tracking – can be configured for up to four building facades.

This allows blinds to be used for cooling in summer and sunlight to be used for heating in winter. It is also possible to program a rain, frost and wind alarm, with 3 stages in each case. The date, time and exact location coordinates are received via the GPS signal, and the station switches from summer to winter time automatically. The easy visualisation concept allows advanced functions to be added, such as set-point settings, process logic and timers. The weather station is mounted horizontally on the outer wall, enabling the sensors to detect sun, wind and rain without obstructions.

KNX blind outputs

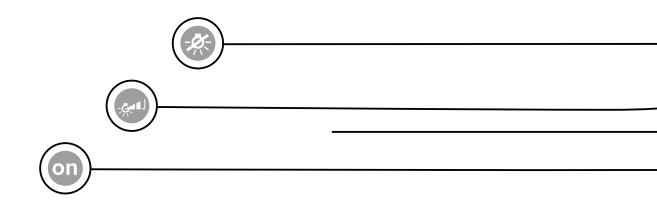
Five easy actuators with an option of 4, 8 or – a new addition – 12 outputs are available for activating roller shutter and blind motors. The 12gang output can normally be used to control any kind of shutters found in a small bungalow. The 12gang output is supplied with 230 V. Depending on the rated voltage of the roller shutter and blind motors, the 4gang and 8gang outputs are available for either 230 V or a 24 V extra-low voltage.

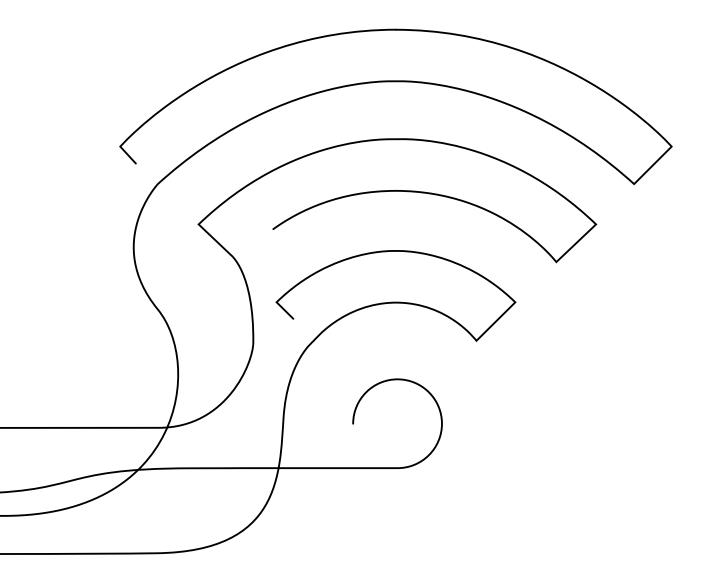




easy configuration

- State-of-the-art technology
- Automatic detection and reading-in of all KNX devices via the intelligent easy software
- Automatic connection via WLAN





easy configure

KNX easy provides an intuitive means of configuring KNX systems. Just connect to the new easy service tool wirelessly using a tablet – and from that point, everything practically runs itself. **Brilliantly simple.**



	🕤 Poslatiele	∆ ⊶ <u>6</u>	Producte	- - -	rrela	📀 Loosbor	0 -	8
	GR Salk FT							
	Gerilt			- 1 6 k	rguta 🖁	는 1 Output		
	Name	BITRITIC IDE Minution K 4 Plan Bu	Aw			90142170 - 1 - 1 House		
	Gebrauch	Re Lactor, Nastry Cooling			0	90142170 - 1 - 2 Mause		
	04	Laws			0	90142170 - 1 - 3 Norm		
	Elektronische Erfassung	60142120 - 1			0	80142170 - 1 - 4 House		
	i cere	80142170 GB_Monoblec K 4 Push Button				80142170 - 1 - 5 House		
	Parameter							
	OD_Status Led C	alar CD_Green Dis						
	QB_Status Led C	olar 08.9ml off						
1	Handlungen		•					

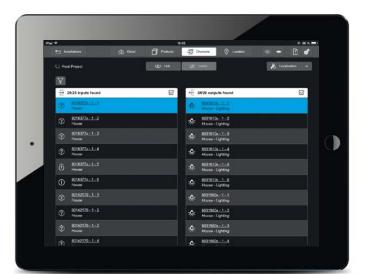
Step 2: Labelling

easy speaks in plain language – meaning no abbreviated forms and no codes! You start by creating a simple name for the building, then giving names to each individual room and assigning the rooms to each floor. The next step is to label all the KNX products with all the inputs and outputs. Once the individual functions and their parameters have been defined, the inputs and outputs are assigned to the rooms that have been created.

Step 3: Linking

You now select the inputs and outputs you require using the touchscreen function. You can simultaneously select multiple inputs and outputs that you wish to link. A filter function makes it possible to create quick and simple links for group switching, for instance.

Once you have selected the channels to be linked, press the 'Link' symbol.



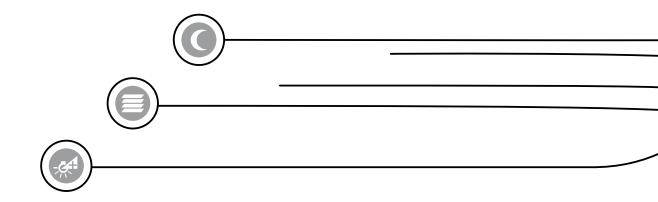


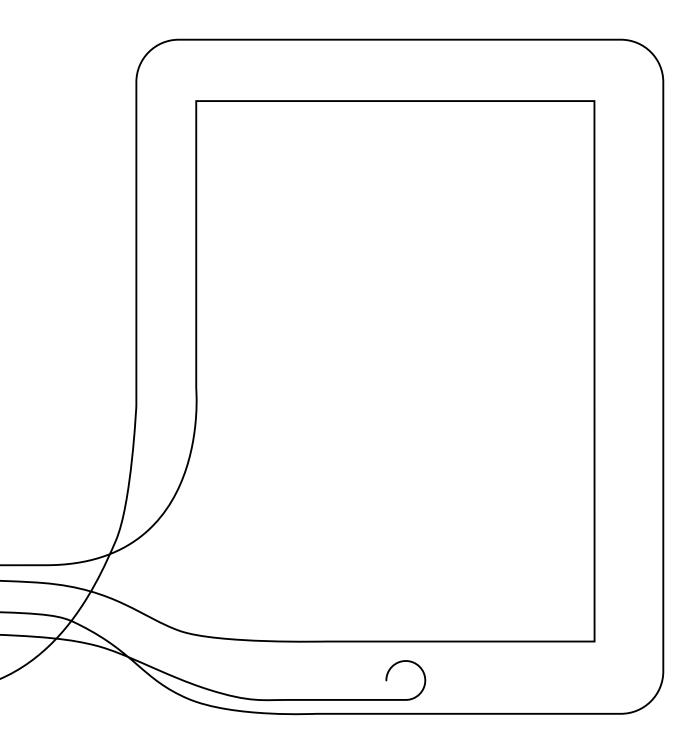
Step 4: Function

The final step involves choosing the appropriate function. You may want the button to switch the lighting on or off, for example – but whatever the case, a whole range of KNX functions is available for selection. Once you have selected the function, operation can start immediately.

easy visualisation

- Intuitive operation
- Attractive interface showing full building structure
- In-depth control and evaluation options



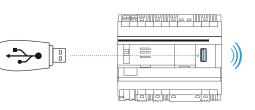


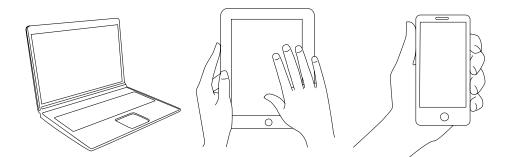
easy visualisation

You've installed and configured the system – so now what? Your customers will undoubtedly want to establish the right setting for their building's architecture or create different lighting atmospheres for their home – all in next to no time and at the touch of a button. It's also likely that they are looking for a secure way of monitoring their property, even when they're away from it. Above all else, however, they are bound to want a tool for controlling their costs, which provides substantiated information, shows where potential savings can be made, and can be adjusted to ensure maximum efficiency and cost-effectiveness. **Clever solutions**.

The entire easy configuration can be imported into the domovea server via a USB stick. It is just as simple to read easy data into the ETS software later on, where it can be used to create more complex control functions. **Import data.**

The visualisation provides scope for further customisation, allowing personalised background images and symbols to be uploaded – and thus creating a unique user interface. **Beautifully personal.** The system can be controlled using a PC, tablet, smartphone or the domovea Internet portal. For even better ease of use, there is the new touch panel range too. **Convenient control.**

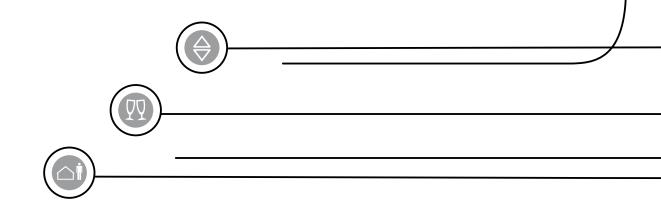


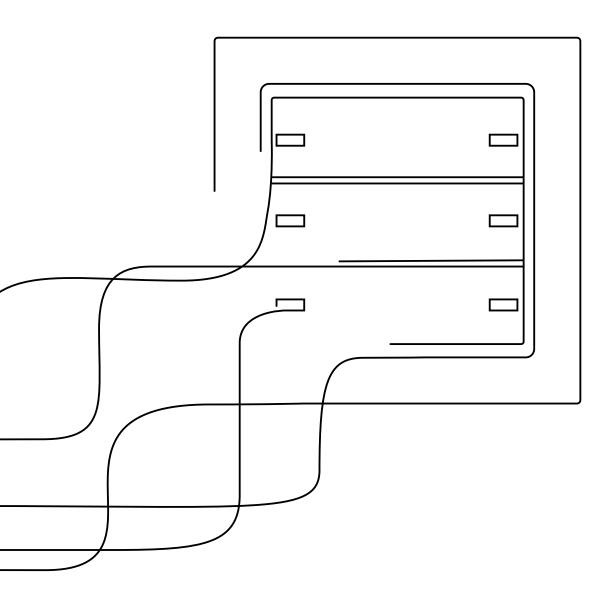




easy operation

- New KNX sensors
- Familiar design lines
- Intelligent control
- Exceptionally convenient operation





easy operation

The new KNX sensors from Berker provide the perfect partners to easy actuators. Their design lines might be familiar, but they have a new standout feature – a reimagined sensibility. This allows customers to find the perfect solution to suit any need – from the attractively priced push-button option to the dimmable push-button, all the way through to the intuitive room controller. All the sensors can be combined with one another. **A versatile selection**.



Switch, illuminate, protect

The new KNX push-buttons with integrated BCU (bus coupling unit) appear so simple from the outside, but are so smart on the inside: they easily connect to the in-house KNX system via the integrated bus coupling unit. Rockers in the centre allow the upper and lower push-button areas to be assigned separate functions. The 1gang push-button is able to trigger two control commands and the 2gang push-button four control commands. Each rocker has a status LED that also serves as orientation lighting. The LED colour can be customised as red, green or blue as well. And to stop any sticky fingers making off with such an appealing item, the push-button module and supporting ring can be bolted firmly together – the perfect thief deterrent.



New: 1gang to 4gang KNX push-button

Switch on your senses. The new Berker KNX push-buttons make it possible to produce entire scenes and logic combinations. Users are also invited to use their senses of vision, hearing and touch, thanks to LEDs that can be dimmed in any required RGB colour combination, an integrated buzzer that can be felt when it is activated via the easy configuration, and a built-in temperature sensor to which a second sensor can be connected if required – for underfloor heating, to take one example. Available in the design lines S, B, Q,

K and R in all standard colours.



KNX room thermostat and room controller

The new Berker KNX room thermostat and room controller make an impact not once, but twice – thanks both to their attractive design and to their innovative operating concept featuring the wipe-and-type function that is exclusive to Berker. Simply wipe along the sensor strip and tap to select from a whole range of building functions. **Beautifully smart.**





Product overview

KNX Operating systems

Push-buttons for standard and comfort ranges

 The configuration server (order no.: TJA665) or the tool set (order no.: TXA100) is required for easy commissioning via easy link.

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New Berker Berker	

Bus application unit flush-mounted - external temperature sensor	21 32 V= - 5 + 45 °C 32 mm		 with programming button and a additional connection for exter with integrated buzzer for acoudevice within the system bus connection via connecting with spreader claws Suitable for optional KNX Configuration server easy link RMD 	nal temperati Istic identific	ure sensor
			•	TJA6 65 TXA1 00	61 62
			Temperature sensor	EK0 90	48
Design			Order no.		PU
Bus application unit flush-mounted		*	8004 00 01		1
Bus application unit flush-mounted		*	8004 00 11		1

New	Push-button 1gang					
	 labelling field 		 with white operating LED 			
	– RGB LED		- Status LED configurable in 6 co	olors		
	- internal temperature sensor		 brightness value of the status I operation preset, status LED for operation can be controlled via 	or day/nightti		
			 Operation Can be controlled via Operation LED can be configured 	,	+	
	Power consumption, KNX	≈ 150 mW	 Operating concepts for button 	function and		
	Operating temperature	- 5 + 45 °C	shutter/blind function" predefir			
	Current consumption	20 mA	 Button functions: Switching, di shutter/blind, timer, value trans 	smitter 2 byte	э,	
		Use only in conjunction with bus coupling unit flush-		thermostat extension unit, priority, scene, au control deactivation		
	mounted (order no.: 8004 00 x1)!		 value transmitter for temperatu 	ire values 2 b	oyte	
	(order no.: 0004 00 x 1):		 switching of up to 64 scenes p 	ossible		
			 parameter defineable lock func 	tion		
			 Function for incremental select values 	tion of up to	7 stored	
			 Function for manual interruptio functions already triggered 	n of automat	tic	
			 integrated temperature sensor measured values via object 	with output of	of the	
			 for bus coupling unit flush-mou 	unted		
			 alarm telegram after disconnec unit 1 bit or 1 byte 	tion from bu	s coupling	
			 with anti-dismantling protection 	n		
			Suitable for	Order no.	Page	
			Bus application unit flush-mounted optional	8004 00	28	
			KNX Configuration server easy link RMD	TJA6 65	61	
			KNX system package commissioning tool easy link RMD	TXA1 00	62	
	Design		Order no.		PU	
	Berker S.1/B.3/B.7					
	for white and polar white 1)		* 8016 17 80		1	
	for anthracite and aluminium ¹⁾		* 8016 17 85		1	
New	Berker Q.1/Q.3					



polar white 2)

anthracite 2)

aluminium 2)

* 8014 13 29

* 8014 13 26

* 8014 13 21

KNX easy KNX Operating systems



Design	Order no.	PU
Berker K.1/K.5		
polar white, 3)	* 8016 17 70	1
anthracite 3)	* 8016 17 76	1
aluminium ³⁾	* 8016 17 74	1
stainless steel 3)	* 8016 17 73	1

 $^{\rm D}$ Labelling field length (W x H): 52.3 x 52.3 mm $^{\rm 2}$ Dimensions (W x H): 56.4 x 56.4 mm $^{\rm 3}$ Labelling field length (W x H): 66.8 x 52.8 mm

New

Push-button 1gang

polar white glossy	* 8016 18 69	1
Berker R.1/R.3		
Design	Order no.	PU
	KNX system package commissioning tool TXA1 00 easy link RMD	62
	KNX Configuration server easy link RMD TJA6 65	61
	optional	20
	Suitable forOrder no.Bus application unit flush-mounted8004 00	Page 28
	 with anti-dismantling protection 	
	unit 1 bit or 1 byte	
	 alarm telegram after disconnection from b 	us coupling
	 for bus coupling unit flush-mounted 	
	measured values via object	
	functions already triggered – integrated temperature sensor with output	of the
	 Function for manual interruption of automatic functions of automatic structure of the second structure of the sec	atic
	values	
	 parameter defineable lock function Function for incremental selection of up to 	7 stored
	 switching of up to 64 scenes possible 	
	 value transmitter for temperature values 2 	byte
(order no.: 8004 00 x1)!	control deactivation	
Use only in conjunction with bus coupling unit flush- mounted	shutter/blind, timer, value transmitter 2 by thermostat extension unit, priority, scene,	
	 Button functions: Switching, dimming, roll 	
Current consumption 20 mA	shutter/blind function" predefined	
Power consumption, KNX $\approx 150 \text{ mW}$ Operating temperature $-5 \dots + 45 \text{ °C}$	 Operating concepts for button function an 	
	 Operation Can be controlled via object Operation LED can be configured via object 	ct
<u>*</u>] °⊂	operation preset, status LED for day/night operation can be controlled via object	
 internal temperature sensor 	 brightness value of the status LED for day. 	/niahttime
	 – with white operating LED – Status LED configurable in 6 colors 	
- RGB LED	 with white operating LED 	



New	Push-button 2gang						
	 labelling fields 		 with 2 status LEDs per rocker 				
	– RGB LED		 with white operating LED 				
	 internal temperature sensor 		 Status LED configurable in 6 colors 				
	C €		 brightness value of the status LED for day operation preset, status LED for day/night operation can be controlled via object 	/nighttime time			
	Power consumption, KNX	≈ 150 mW	 Operation LED can be configured via obje 	ct			
	Operating temperature	- 5 + 45 °C	 Operating concepts for button function and operating in the second second	d "roller			
	Current consumption	20 mA	shutter/blind function" predefined – Button functions: Switching, dimming, roll	or			
	Use only in conjunction with bus coup mounted	ling unit flush-	shutter/blind, timer, value transmitter 2 by thermostat extension unit, priority, scene, automatic control deactivation				
	(order no.: 8004 00 x1)!		 value transmitter for temperature values 2 byte switching of up to 64 scenes possible 				
			 parameter defineable lock function 				
			 Function for incremental selection of up to values 	7 stored			
			 Function for manual interruption of automa functions already triggered 	atic			
			 integrated temperature sensor with output measured values via object 	of the			
			 for bus coupling unit flush-mounted 				
			 alarm telegram after disconnection from b unit 1 bit or 1 byte 	us coupling			
			 with anti-dismantling protection 				
			Suitable forOrder no.Bus application unit flush-mounted8004 00optional	Page 28			
			KNX Configuration server easy link RMD TJA6 65 KNX system package commissioning tool TXA1 00 easy link RMD	61 62			
	Design		Order no.	PU			
	Berker S.1/B.3/B.7						
	for white and polar white 1)		* 8016 27 80	1			
	for anthracite and aluminium ¹⁾		* 8016 27 85	1			
New	Berker Q.1/Q.3						
	polar white ²⁾		* 8014 23 29	1			
	anthracite ²⁾		* 8014 23 26	1			
	aluminium ²⁾		* 8014 23 21	1			
New	Barkar K 1/K 5						

New		

Berker K.1/K.5

polar white, ³⁾	* 8016 27 70	1
anthracite 3)	* 8016 27 76	1
aluminium ³⁾	* 8016 27 74	1
stainless steel 3)	* 8016 27 73	1

 $^{\rm D}$ Labelling field length (W x H): 52.3 x 24.9 mm $^{\rm 2}$ Dimensions (W x H): 56.4 x 26.8 mm $^{\rm 3}$ Labelling field length (W x H): 66.8 x 25 mm





Push-button 2gang

– RGB LED

- internal temperature sensor



Design

Berker R.1/R.3 polar white glossy black glossy

Power consumption, KNX
Operating temperature
Current consumption

≈ 150 mW - 5 ... + 45 °C 20 mA

Use only in conjunction with bus coupling unit flushmounted (order no.: 8004 00 x1)! - with white operating LED

- Status LED configurable in 6 colors
- brightness value of the status LED for day/nighttime operation preset, status LED for day/nighttime operation can be controlled via object
- Operation LED can be configured via object
- Operating concepts for button function and "roller shutter/blind function" predefined
- Button functions: Switching, dimming, roller shutter/blind, timer, value transmitter 2 byte, thermostat extension unit, priority, scene, automatic control deactivation
- value transmitter for temperature values 2 byte
- switching of up to 64 scenes possible
- parameter defineable lock function
- Function for incremental selection of up to 7 stored values
- Function for manual interruption of automatic functions already triggered
- integrated temperature sensor with output of the measured values via object
- for bus coupling unit flush-mounted

 alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte

- with anti-dismantling protection

Suitable for Bus application unit flush-mounted optional KNX configuration server easy link RMD KNX system package commissioning tool easy link RMD	Order no. 8004 00 TJA6 65 TXA1 00	Page 28 61 62
Order no.		PU
* 8016 28 69		1
* 8016 28 65		1



ew	Push-button 3gang				
	- labelling fields		 with 2 status LEDs per rocker 		
	– RGB LED		 with white operating LED 		
	 horizontal operation 		 Status LED configurable in 6 c 		
			 brightness value of the status l operation preset, status LED for operation can be controlled via 	or day/nightti	
	Power consumption, KNX ≈	150 mW	 Operation LED can be configured 	red via objec	t
		5 + 45 °C	 Operating concepts for button 		"roller
	Current consumption 2	0 mA	shutter/blind function" predefin		_
	Use only in conjunction with bus coupling mounted (order no.: 8004 00 x1)!	unit flush-	 Button functions: Switching, d shutter/blind, timer, value trans thermostat extension unit, prio automatic control deactivation 	smitter 2 byte rity, scene,	, 9,
	(value transmitter for temperature 		oyte
			 switching of up to 64 scenes p 		
			 parameter defineable lock fund 		
			 Function for incremental select values 	tion of up to	7 stored
			 Function for manual interruptic functions already triggered 	on of automat	tic
			 integrated temperature sensor measured values via object 	with output of	of the
			 for bus coupling unit flush-more 	unted	
			 alarm telegram after disconned unit 1 bit or 1 byte 	ction from bu	s couplii
			 with anti-dismantling protectio 	n	
			Suitable for Bus application unit flush-mounted optional	Order no. 8004 00	Page 28
			KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD	TJA6 65 TXA1 00	61 62
	Design		Order no.		P
	Berker S.1/B.3/B.7				
	for white and polar white 1)		* 8016 37 80		1
	for anthracite and aluminium ¹⁾		* 8016 37 85		1
	Berker Q.1/Q.3				
1.000	polar white ²⁾		* 8014 33 29		1
	anthracite ²⁾		* 8014 33 26		1

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-	-
100	-
New	

Berker K.1/K.5

polar white, ³⁾	* 8016 37 70	1
anthracite 3)	* 8016 37 76	1
aluminium ³⁾	* 8016 37 74	1
stainless steel 3)	* 8016 37 73	1

 $^{\rm D}$ Labelling field length (W x H): 52.3 x 15.6 mm $^{\rm 2}$ Dimensions (W x H): 56.4 x 17 mm $^{\rm 3}$ Labelling field length (W x H): 66.8 x 15.7 mm

New



Push-button 4gang					
 labelling fields 		 with 2 status LEDs per rocker 			
– RGB LED		 with white operating LED 			
 internal temperature sensor 		- Status LED configurable in 6 c			
· · · · · · · · · · · · · · · · · · ·		 brightness value of the status operation preset, status LED f operation can be controlled vi 	or day/nightti	nighttir me	
Power consumption, KNX	≈ 150 mW	- Operation LED can be configu	red via objec	t	
Operating temperature	- 5 + 45 °C	 Operating concepts for buttor shutter/blind function" predefit 		f "rolle	
Current consumption	20 mA	- Button functions: Switching, c	imming, rolle	r	
Use only in conjunction with bus coupling unit flush- mounted		shutter/blind, timer, value transmitter 2 byte, thermostat extension unit, priority, scene, automatic control deactivation			
(order no.: 8004 00 x1)! In the design line S.1/B.x and K.x only	use in conjunction	- value transmitter for temperat	ure values 2 b	oyte	
with a frame with large cut-out!	use in conjunction	 switching of up to 64 scenes possible 			
5		 parameter defineable lock fun 			
		 Function for incremental select values 	tion of up to	7 store	
		 Function for manual interruption for manual interruption functions already triggered 	on of automat	tic	
		 integrated temperature sensor measured values via object 	with output o	of the	
		- for bus coupling unit flush-mo	unted		
		 alarm telegram after disconne unit 1 bit or 1 byte 	ction from bu	is coup	
		 with anti-dismantling protection 	n		
		Suitable for	Order no.	Pag	
		Bus application unit flush-mounted optional	8004 00	28	
		KNX Configuration server easy link RMD	TJA6 65	61	
		KNX system package commissioning tool easy link RMD	TXA1 00	62	
Design		Order no.			
Berker S.1/B.3/B.7					
for white and polar white ¹⁾	ł	8016 47 80			
for anthracite and aluminium ¹⁾	k	8016 47 85			
Berker Q.1/Q.3					
polar white ²⁾	k	8014 43 29			
anthracite ²⁾	ł	8014 43 26			
		8014 43 21			

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and a	
-	-
and i	1100
New	
California - Calif	

Berker K.1/K.5

* 8016 47 70	1
* 8016 47 76	1
* 8016 47 74	1
* 8016 47 73	1
	* 8016 47 76 * 8016 47 74

¹⁾ Labelling field length (W x H): 52.3 x 24.9 mm ²⁾ Dimensions (W x H): 56.4 x 12 mm ³⁾ Labelling field length (W x H): 66.8 x 25 mm

Push-button modules

The configuration server (order no.: TJA665) or the tool set (order no.: TXA100) is required for easy commissioning via easy link.

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the



Push-button module 1gang	* 8014 11 70		1
Push-button module 1gang Berker Q.1/Q.3, K.1/K.5	* 8014 11 80		1
Berker S.1/B.3/B.7			
Design	Order no.		PU
	Temperature sensor	EK0 90	48
	KNX system package commissioning tool easy link RMD	TXA1 00	62
	KNX Configuration server easy link RMD	TJA6 65	61
	Cover for 1gang for push-button module optional	8096 02	34
	Suitable for	Order no.	Page
	 with integrated buzzer for acoundevice within the system 	stic identific	ation of th
	 with anti-dismantling protection 		
	- bus connection via connecting		
	 with integrated bus coupling ur 	nit	
	measured values via object	with output (
	 with programming button and r integrated temperature sensor 		0
	functions already triggered		
	 Function for manual interruptio 		tic
Insertion depth 32 mm	 parameter defineable lock func 		,
	 value transmitter for temperatu 	re values 2 h	ovte
Current consumption10 mAOperating temperature- 5 + 45 °C	roller shutter/blind, value transi thermostat, scene, priority	nitter 2 byte	,
Operating voltage over bus 21 32 V=	 Push-button functions: Switchi 		
	 Operating concepts for button shutter/blind function" predefin 	function and	"roller
	- Operation LED can be configur	,	
- integrated bus coupling unit	operation preset, status LED for operation can be controlled via		me
 internal temperature sensor 	 brightness value of the status L 		
	--		
– RGB LED	 Status LED configurable in 6 co 	olors	



Ne	W			
		-		
1				



Cover for 1gang for push-button module				
- clear lens	 with clear lens for RGB status display of the push- button module 			
*	Suitable for Push-button module 1gang	Order no. 8014 11	Page 34	
Design	Order no.		PU	
Berker S.1/B.3/B.7				
white glossy	* 8096 02 82		1	
polar white glossy	* 8096 02 89		1	
polar white, matt, plastic	* 8096 02 99		1	
anthracite, matt	* 8096 02 85		1	
aluminium, matt, lacquered	* 8096 02 83		1	
Berker Q.1/Q.3				
polar white velvety	* 8096 02 29		1	
anthracite velvety, lacquered	* 8096 02 26		1	
aluminium velvety, lacquered	* 8096 02 21		1	

Berker K.1/K.5

* 8096 02 79	1
* 8096 02 75	1
* 8096 02 71	1
* 8096 02 73	1
	* 8096 02 75 * 8096 02 71





Push-button module 2gang - RGB LED

- internal temperature sensor
- integrated bus coupling unit

Operating voltage over bus Current consumption Operating temperature Insertion depth

21 32 V=	
10 mA	
- 5 + 45 °C	
32 mm	

_	Status LED configurable in 6 colors
	brightness value of the status LED f

- brightness value of the status LED for day/nighttime operation preset, status LED for day/nighttime operation can be controlled via object _
- Operation LED can be configured via object Operating concepts for button function and "roller shutter/blind function" predefined _ Push-button functions: Switching, dimming, _ roller shutter/blind, value transmitter 2 byte, thermostat, scene, priority - value transmitter for temperature values 2 byte parameter defineable lock function _ Function for manual interruption of automatic func-_ tions already triggered with programming button and red programming LED _ _ integrated temperature sensor with output of the
 - measured values via object - with integrated bus coupling unit
 - bus connection via connecting terminal
 - with anti-dismantling protection
 - with integrated buzzer for acoustic identification of the device within the system

	Suitable for	Order no.	Page
	Cover for 2gang for push-button module optional	8096 03	35
	KNX Configuration server easy link RMD	TJA6 65	61
	KNX system package commissioning tool easy link RMD	TXA1 00	62
	Temperature sensor	EK0 90	48
Design	Order no.		PU
Berker S.1/B.3/B.7			
Push-button module 2gang	* 8014 21 80		1
Berker Q.1/Q.3, K.1/K.5			
Push-button module 2gang	* 8014 21 70		1



Push-button module 2gang 8014 21 35	Cover for 2gang for push-button module			
Push-button module 2gang8014 2135DesignOrder no.Berker S.1/B.3/B.7*8096 03 82white glossy*8096 03 82polar white glossy*8096 03 89polar white, matt, plastic*8096 03 39anthracite, matt*8096 03 85aluminium, matt, lacquered*8096 03 29polar white velvety*8096 03 29anthracite velvety, lacquered*8096 03 26aluminium velvety, lacquered*8096 03 21	– clear lenses		e RGB status displ	ay of the
Berker S.1/B.3/B.7white glossy* 8096 03 82polar white glossy* 8096 03 89polar white, matt, plastic* 8096 03 99anthracite, matt* 8096 03 85aluminium, matt, lacquered* 8096 03 83Berker Q.1/Q.3*polar white velvety* 8096 03 29anthracite velvety, lacquered* 8096 03 26aluminium velvety, lacquered* 8096 03 21	₩			Page 35
white glossy* 8096 03 82polar white glossy* 8096 03 89polar white, matt, plastic* 8096 03 99anthracite, matt* 8096 03 85aluminium, matt, lacquered* 8096 03 83Berker Q.1/Q.3*polar white velvety* 8096 03 29anthracite velvety, lacquered* 8096 03 26aluminium velvety, lacquered* 8096 03 21	Design	Order no.		PU
polar white glossy* 8096 03 89polar white, matt, plastic* 8096 03 99anthracite, matt* 8096 03 85aluminium, matt, lacquered* 8096 03 83Berker Q.1/Q.3polar white velvety* 8096 03 29anthracite velvety, lacquered* 8096 03 26aluminium velvety, lacquered* 8096 03 21	Berker S.1/B.3/B.7			
polar white, matt, plastic* 8096 03 99anthracite, matt* 8096 03 85aluminium, matt, lacquered* 8096 03 83Berker Q.1/Q.3*polar white velvety* 8096 03 29anthracite velvety, lacquered* 8096 03 26aluminium velvety, lacquered* 8096 03 21	white glossy	* 8096 03 82		1
anthracite, matt* 8096 03 85aluminium, matt, lacquered* 8096 03 83Berker Q.1/Q.3*polar white velvety* 8096 03 29anthracite velvety, lacquered* 8096 03 26aluminium velvety, lacquered* 8096 03 21	polar white glossy	* 8096 03 89		1
aluminium, matt, lacquered* 8096 03 83Berker Q.1/Q.3*polar white velvety* 8096 03 29anthracite velvety, lacquered* 8096 03 26aluminium velvety, lacquered* 8096 03 21	polar white, matt, plastic	* 8096 03 99		1
Berker Q.1/Q.3 polar white velvety anthracite velvety, lacquered * 8096 03 29 aluminium velvety, lacquered * 8096 03 21	anthracite, matt	* 8096 03 85		1
polar white velvety* 8096 03 29anthracite velvety, lacquered* 8096 03 26aluminium velvety, lacquered* 8096 03 21	aluminium, matt, lacquered	* 8096 03 83		1
anthracite velvety, lacquered* 8096 03 26aluminium velvety, lacquered* 8096 03 21	Berker Q.1/Q.3			
aluminium velvety, lacquered * 8096 03 21	polar white velvety	* 8096 03 29		1
	anthracite velvety, lacquered	* 8096 03 26		1
Berker K.1/K.5	aluminium velvety, lacquered	* 8096 03 21		1
Berker K.1/K.5				
	Berker K.1/K.5			

polar white glossy	* 8096 03 79	1
anthracite, matt	* 8096 03 75	1
aluminium, matt, lacquered	* 8096 03 71	1
stainless steel matt, lacquered	* 8096 03 73	1

KNX thermostat

The configuration server (order no.: TJA665) or the tool set (order no.: TXA100) is required for easy commissioning via easy link.



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KNX thermostat - display - integrated bus coupling unit Image: the transmission of the transmission of the transmission of the transmission of transmissi
 integrated bus coupling unit integrated bus coupling unit control parameter for heating / cooling or heating/cooling control parameter for heating, electric heating, electric underfloor file parameter for heating, electric underfloor file parameter for heating, electric underfloor file parameter for heating or split unit can be selected control parameter for heating, electric underfloor file parameter for heating or split unit can be selected cooling type cooling celling, convector fan or split unit can be selected switching of up to 64 scenes possible with holiday switching operation via a sensitive Touch control surface to display of operating mode, controller lockout, room/ outside temperature, time screensavers TFT colour display with symbol display time and date display Menu guidance in DE/ENVFR/NL/IT/ES/PT/PL/DK/SV FI/NO/TR with spreader claws Sutable for Congrain Rimostas and room con- tors Sutable for Congrain Rimostas and room con- diage sums subjey 24 VDC RMD RAZ 00 48 RAM 00 RAK 00 Congrain server easy link RMD KAK 00
Design Order no. PU





KNX room controller

display integrated bus coupling unit

<i>I4:23</i>

Operating voltage over bus Auxiliary voltage Energy efficiency class TFT screen size Operating temperature Dimensions of display (W x H) Insertion depth

21 32 V=
24 V=
IV (2%)
1.93"
- 5 + 45 °C
38.3 x 30.3 mm
32 mm

_	for individual	single	room	tem	perat	ture	control	

- control parameter for heating / cooling unit pre-set _ operating mode heating, cooling or heating/cooling can be selected
- Comfort, standby, night-time reduction, frost/heat protection operating mode switchable via scene
- Switching PI-control (PWM) or switching 2-point con-trol can be selected
- Heating type warm water heating, warm water underfloor heating, electric heating, electric underfloor heating or split unit can be selected
- Cooling type cooling ceiling, convector fan or split unit can be selected
- Push-button functions: Switching, dimming, _ roller shutter/blind, value transmitter 2 byte, thermostat, scene, priority
- switching of up to 64 scenes possible
- with keylock
- with holiday switching
- with frost protection function
- Function for manual interruption of automatic _ functions already triggered
- additional connection for external temperature sensor
- Temperature measurement via internal, external temperature sensor or via object and their mean value formation
- Temperature adjustable for comfort, standby and night-time reduction
- operation via sensitive Touch control surface
- to display and initiate actions
 - display of operating mode, controller lockout, room/ outside temperature, time
- screensavers
- TFT colour display with symbol display
- time and date display
- Menu guidance in DE/EN/FR/NL/IT/ES/PT/PL/DK/SV/ FI/NO/TR
- with integrated bus coupling unit
- bus connection via connecting terminal
- with spreader claws

	Suitable for	Order no.	Page
	Cover for KNX thermostats and room con- trollers	8096 01	37
	KNX power supply 2 x 320 mA + 24 V DC, 640 mA RMD	TXA1 14	63
	Electrical power supply 24 V DC RMD	TGA2 00	63
	optional		
	KNX system package commissioning tool easy link RMD	TXA1 00	62
	KNX Configuration server easy link RMD	TJA6 65	61
	Temperature sensor	EK0 90	48
Design	Order no.		Pl
KNX room controller	* 8066 01 00		1



Cover for KNX thermostats and room controllers

	Suitable for KNX thermostat KNX room controller	Order no. 8044 01 00 8066 01 00	Page 36 37
Design	Order no.		PU
 Berker S.1/B.3/B.7			
white glossy	* 8096 01 82		1
polar white glossy	* 8096 01 89		1
polar white, matt, plastic	* 8096 01 80		1
anthracite, matt	* 8096 01 85		1
aluminium matt, lacquered	* 8096 01 83		1
Berker Q.1/Q.3			
polar white velvety	* 8096 01 29		1
anthracite velvety, lacquered	* 8096 01 26		1

KNX easy KNX Operating systems



Design	Order no.	PU
Berker K.1/K.5		
polar white glossy	* 8096 01 79	1
anthracite, matt	* 8096 01 75	1
aluminium, matt, lacquered	* 8096 01 71	1
stainless steel matt, lacquered	* 8096 01 73	1
	* 8096 12 81	1

Touch Panel

Touch Panel 7" Android



Power over Ethernet (PoE)	18 48 V=
Auxiliary voltage	18 48 V=
Power consumption	< 10 W
TFT screen size	7"
Light intensity	300 cd/m ²
Transmission rate Ethernet	max. 10/100 Mbit/s
Processor	1 GHz
RAM	512 MB
Operating temperature	+ 5 + 45 °C
Dimensions (W x H x D)	189.7 x 125.7 x 48.3 mm
Assembling height	12 mm

PoE power supply according to IEEE 802.3af Class 3 possible without audio applications.

- for display of preconfigured functions, measured values and data
- suitable for vertical and horizontal domovea visualisation
- depending on the software visualisation one and two surface operation, stepless configuration based on sliding and page scrolling by swiping are supported
- multi-touch function for the connection of multiple actions, e.g. to activate a function with simultaneous setting of a function value
- Display illumination can be switched on automatically using brightness sensor
- Connection to KNX system possible via a local server e.g. the domovea server
- external applications (Apps) available in preinstalled Android launcher
- Integration of door communication functions in the domovea client or Elcom VideoFON client
- silent, long-lasting convection cooling without fan
- RJ45 Port for LAN connection
- card slot with 8 GB SDHC card
- Microphone and loudspeaker with echo suppression
- with USB/Mini USB type A adapter cable
- with RJ45 connector kit from connector and patch cable
- Mini-USB 2.0 jack e.g. for external storage media or updates on the upper display edge is accessible without dismantling
- 2 USB 2.0 connections on the rear

* WDI0 70

- for flush mounting and hollow-wall mounting
- for vertical and horizontal mounting

Suitable for	Order no.	Page
Housing flush-mounted for WDI07x	WDW0 70	41
Housing flush-mounted for WDI07x, flush-to-wall	WDW0 71	42
optional		
Electrical power supply 24 V DC RMD	TGA2 00	63
domovea Server incl. software RMD	TJA4 50	42
domovea system package RMD	TJA4 51	43

Design anthracite, 7"





Touch Panel 10" Android

Power over Ethernet (PoE) Auxiliary voltage Power consumption TFT screen size Light intensity Transmission rate Ethernet Processor RAM Operating temperature Dimensions (W x H x D)	18 48 V= 18 48 V= < 10 W 10" 300 cd/m ² max. 10/100 Mbit/s 1 GHz 512 MB + 5 + 45 °C 259.4 x 177 x 67.5 mm
Dimensions (W x H x D) Assembling height	259.4 x 177 x 67.5 mm 10 mm

PoE power supply according to IEEE 802.3af Class 3 possible without audio applications.

- for display of preconfigured functions, measured values and data
- suitable for horizontal domovea visualisation
- depending on the software visualisation one and two surface operation, stepless configuration based on sliding and page scrolling by swiping are supported
- multi-touch function for the connection of multiple actions, e.g. to activate a function with simultaneous setting of a function value
- Display illumination can be switched on automatically using brightness sensor
- Connection to KNX system possible via a local server e.g. the domovea server
- external applications (Apps) available in preinstalled Android launcher
- Integration of door communication functions in the domovea client or Elcom VideoFON client
- silent, long-lasting convection cooling without fan
- RJ45 Port for LAN connection
- card slot with 8 GB SDHC card
- Microphone and loudspeaker with echo suppression
- with USB/Mini USB type A adapter cable
- with RJ45 connector kit from connector and patch cable
- Mini-USB 2.0 jack e.g. for external storage media or updates on the upper display edge is accessible without dismantling
- 2 USB 2.0 connections on the rear
- for flush mounting and hollow-wall mounting
- for horizontal mounting

WDI1 00		- 1
Order no.		PL
domovea system package RMD	TJA4 51	43
domovea Server incl. software RMD	TJA4 50	42
Electrical power supply 24 V DC RMD	TGA2 00	63
optional		
Housing flush-mounted for WDI10x, flush-to-wall	WDW1 01	42
Housing flush-mounted for WDI10x	WDW1 00	41
Suitable for	Order no.	Page

Design anthracite, 10"

Subject to changes - # Note discontinuation! - * Note new code!



New

Touch Panel 10" Windows

Operating temperature

Dimensions (W x H x D)

Assembling height

Design anthracite, 10"

	Auxiliary voltage
	Power consumption
	TFT screen size
	Light intensity
	Transmission rate Ethernet
and the second se	Processor
	RAM

24 V=
max. 20 W
10"
300 cd/m ²
max. 1000 Mbit/s
2 x 1 GHz
2 GB
+ 5 + 35 °C
259.4 x 177 x 67.5 mm
10 mm

PoE power supply according to IEEE 802.3af Class 3 possible without audio applications.

for display of preconfigured functions, measured values and data

- signal and operating panel with touch-sensitive TFT colour display in 16:9 format
- suitable for horizontal domovea visualisation

 depending on the software visualisation one and two surface operation, stepless configuration based on sliding and page scrolling by swiping are supported

- multi-touch function for the connection of multiple actions, e.g. to activate a function with simultaneous setting of a function value
- disabling function for cleaning the user interface
- Display illumination can be switched on automatically using brightness sensor
- Connection to KNX system possible via a local server e.g. the domovea server
- Visualisation for Berker IP-Control via browser
- integrated PC with Windows embadded operating system
- Integration of door communication functions in the Elcom VideoFON client
- silent, long-lasting convection cooling without fan
- 2 RJ45 Ports for LAN connection
- internal memory of 64 GB SSD present
- Microphone and loudspeaker with echo suppression
- with USB/Mini USB type A adapter cable
- with RJ45 connector kit from connector and patch cable
- Mini-USB 2.0 jack e.g. for external storage media or updates on the upper display edge is accessible without dismantling
- 2 USB 2.0 connections on the rear
- additional connection for Serial RS232
- RJ45 cable in scope of delivery
- for flush mounting and hollow-wall mounting
- for horizontal mounting

WDI1 01			1	
Order no.			PU	
domovea system	package RMD	TJA4 51	43	
domovea Server i	ncl. software RMD	TJA4 50	42	
optional Electrical power s	upply 24 V DC RMD	TGA2 00	63	
Housing flush-mo flush-to-wall	ounted for WDI10x punted for WDI10x,	Order no. WDW1 00 WDW1 01	Page 41 42	

Subject to changes - # Note discontinuation! - * Note new code!





Touch Panel 16" Windows

Auxiliary voltage	24 V=
Power consumption	max. 20 W
TFT screen size	16"
Light intensity	220 cd/m ²
Transmission rate Ethernet	max. 1000 Mbit/s
Processor	2 x 1 GHz
RAM	2 GB
Operating temperature	+ 5 + 35 °C
Dimensions (W x H x D)	377.4 x 231.8 x 66.4 mm
Assembling height	11 mm

PoE power supply according to IEEE 802.3af Class 3 possible without audio applications.

for display of preconfigured functions, measured values and data

- signal and operating panel with touch-sensitive TFT colour display in 16:9 format
- suitable for horizontal domovea visualisation
- depending on the software visualisation one and two surface operation, stepless configuration based on sliding and page scrolling by swiping are supported
- multi-touch function for the connection of multiple actions, e.g. to activate a function with simultaneous setting of a function value
- disabling function for cleaning the user interface
- Display illumination can be switched on automatically _ using brightness sensor
- Connection to KNX system possible via a local server e.g. the domovea server
- Visualisation for Berker IP-Control via browser
- integrated PC with Windows embadded operating _ system
- Integration of door communication functions in the Elcom VideoFON client
- silent, long-lasting convection cooling without fan _
- 2 RJ45 Ports for LAN connection
- internal memory of 32 GB SSD present
- Microphone and loudspeaker with echo suppression
- with USB/Mini USB type A adapter cable _
- with RJ45 connector kit from connector and patch cable
- Mini-USB 2.0 jack e.g. for external storage media or _ updates on the upper display edge is accessible without dismantling
- 2 USB 2.0 connections on the rear
- additional connection for Serial RS232
- RJ45 cable in scope of delivery _
- for flush mounting and hollow-wall mounting

anthracite, 16"	* WDI1 61		1
Design	Order no.		PL
	domovea system package RMD	TJA4 51	43
	domovea Server incl. software RMD	TJA4 50	42
	Electrical power supply 24 V DC RMD	TGA2 00	63
	optional		
	Housing flush-mounted for WDI16x, flush-to-wall	WDW1 61	42
	Housing flush-mounted for WDI16x	WDW1 60	41
	Suitable for	Order no.	Page
	 for horizontal mounting 		



F



Flush-mounted housing		
	 for installation of a Touch Panel with cleaning cover for flush mounting and hollow-wall mounting for vertical and horizontal mounting 	
Design	Order no.	PU
Housing flush-mounted for WDI07x, anthracite, lacquered \star	WDW0 70	1
Housing flush-mounted for WDI10x, anthracite, lacquered \star	WDW1 00	1
Housing flush-mounted for WDI16x, anthracite, lacquered \star	WDW1 60	1

 $^{1)}$ Dimensions (W x H x D): 190 x 126 x 47 mm, cavity wall opening (W x H x D): 182 x 117 x 47 mm ²⁾ Dimensions (W x H x D): 260 x 177 x 64 mm, cavity wall opening (W x H x D): 252 x 169 x 64 mm

³⁾ Dimensions (W x H x D): 378 x 233 x 64 mm, cavity wall opening (W x H x D): 370 x 225 x 64 mm



Flush-mounted housing, flush-to-wall

100 t		 for flush-to-wall installation of a Touch Panel with Push-to-open mechanism for comfortable mounting with cleaning cover for flush mounting and hollow-wall mounting for vertical and horizontal mounting 	
	Design	Order no.	PU
	Housing flush-mounted for WDI07x, flush-to-wall, anthracite, lacquered ¹⁾	* WDW0 71	1
	Housing flush-mounted for WDI10x, flush-to-wall, anthracite, lacquered ²⁾	* WDW1 01	1
	Housing flush-mounted for WDI16x, flush-to-wall,	* WDW1 61	1

anthracite, lacquered 3) ¹⁾ Dimensions (W x H x D): 197.7 x 133.6 x 74 mm, cavity wall opening (W x H x D): 197.7 x 133.6 x 74 mm ² Dimensions (W x H x D): 269 x 186 x 74 mm, cavity wall opening (W x H x D): 269 x 186 x 74 mm ³ Dimensions (W x H x D): 387 x 242 x 74 mm, cavity wall opening (W x H x D): 387 x 242 x 74 mm

domovea

1.52

domovea Server incl. software RMD

Operating voltage over bus 21 32 V=	 for control
Auxiliary voltage 24 V=	heating, v
Current consumption (operation) \approx 150 mA	 creation c
Power consumption (operation) $\approx 1.5 \text{ W}$	 user inter room with
RAM 128 MB	 KNX serv
Graphics memory ≈ 20 MB	simultane
Processor 400 MHz	 – configura paramete
Width of rail mounted device (RMD) 6 modules	- with conf

Central operating and visualisation unit for KNX installations via client software.

- rol and visualisation of e.g.shutters, lights, ventilation, alarm system, sensors
- of max. 50 sequences from different actions
- rface can be configured individually for each th special background images
- ver to supply up to 30 visualisation clients eously with KNX data
- ation tool for installation of IP settings and erisations
- figuration and client software on USB stick
- with status LEDs for LAN status, operational stand-by and connection status to web portal
- creation of light scenes
- creation of measured value archives and energy consumption visualisation with KNX energy meters
- managing up to 30 users with different access rights
- software update via USB interface on the device
- integration of max. 10 network cameras
- RJ45 Port for LAN connection
- bus connection via connecting terminal
- with RJ45 connection for Ethernet/IP networks
- with QuickConnect plug-in terminals
- Large labelling field
- Selection switcandroidh for online/offline mode
- with integrated bus coupling unit

Suitable for	Order no.	Page
Electrical power supply 24 V DC RMD	TGA2 00	63
Touch Panel 10" Android	WDI1	39
Touch Panel 7" Android	WDI0 70	38
Manufacturer product line		Art. No.

Manufacturer product line KNX energy meters

Hager

E H



10. 10 B	domovea system package RMD				
	Width of rail mounted device (RMD) Set consisting of: - domovea Server RMD, order no. TJA4 - Power supply 24 V DC RMD, order no. TGA200	10 modules 4 50	 with status LEDs for l and connection statu user interface can be room with special ba bus connection via ca with RJ45 connection with QuickConnect p Large labelling field Selection switch for ca with integrated bus context 	s to web portal configured individually ckground images prinecting terminal n for Ethernet/IP netwo lug-in terminals online/offline mode	y for each
			Suitable for Touch Panel	Order no.	Page page 38
	Design		Order no.		PU
	domovea system package RMD		TJA4 51		1

KNX motion detector

- The configuration server (order no.: TJA665) or the tool set (order no.: TXA100) is required for easy commissioning via easy link.



KNX motion	detector	module	1.1 m
------------	----------	--------	-------

 internal temperature sensor integrated bus coupling unit 	each side ≈ 45 90 ° ≈ 12 x 16 m - 5 + 45 °C	 with 3 operating modes: autom permanent OFF Master/Slave operation for covareas with test mode with button for automatic/perm OFF Operating mode display via staorange two function channels for brigh functions additional channel for independent detector mode Output of the brightness value with integrated bus coupling ur bus connection via connecting with dismantling protection 	ering large d anent ON/pe tus LED, red tness-deper dent of brigh via object po nit	letection ermanent I/green/ ndent tness
within the detection area or mared ed button. Continuous direct sunlight pene- ing detection plane can result in detector. Only suitable for indoor areas!	nual control via integrat- etrating the upward-point-	Suitable for Cover for KNX motion detector module optional KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD	Order no. 8096 04 TJA6 65 TXA1 00	Page 44 61 62
Available from 01/2016				
Design Berker S.1/B.3/B.7		Order no.		PU



Design	Order no.	PU
Berker S.1/B.3/B.7		
KNX motion detector module 1.1 m	* 8026 21 80	1
Berker Q.1/Q.3, K.1/K.5		
KNX motion detector module 1.1 m	* 8026 21 70	1

Berker R.1/R.3

KNX motion detector module 1.1 m

* 8026 21 60



shaped Operating temperature Automatic triggering of bus fund within the detection area or mar ed button. Continuous direct sunlight pene ing detection plane can result in detector. Only suitable for indoor areas! Available from 01/2016 Design	nual control via integrat- etrating the upward-point-	 with in bus co with di Suitable for Cover for KI optional KNX Configu 	tegrated bus coupling ur nnection via connecting smantling protection IX motion detector module aration server easy link RMD package commissioning tool	nit	Page 44 61 62 PU
Available from 01/2016		easy link RM	ib ° °		
Operating temperature Automatic triggering of bus func- within the detection area or mar- ed button. Continuous direct sunlight pene- ing detection plane can result in detector. Only suitable for indoor areas!	each side $\approx 45 \dots 90^{\circ}$ $\approx 8 \times 12 \text{ m}$ $- 5 \dots + 45^{\circ}\text{C}$ ctions for movement hual control via integrat-	detectu – Output – with in – bus co – with di Suitable for Cover for K1 optional KNX Configu KNX system	nal channel for independ or mode of the brightness value tegrated bus coupling ur nnection via connecting smantling protection IX motion detector module uration server easy link RMD package commissioning tool	via object po nit terminal Order no. 8096 04 TJA6 65	Page 44
 integrated bus coupling unit °C Operating voltage over bus Current consumption KNX Nominal mounting height Delay time, adjustable Persona brightness, adjustable 	21 32 V= max. 10 mA 2.2 m 10 s 30 min	 Master areas with te with bu OFF Operat orange two fur 	itton for automatic/perm ing mode display via sta nction channels for brigh	nanent ON/pe	ermanent I/green/

Berker R.1/R.3

KNX motion detector module 2.2 m

KNX motion detector module 2.2 m

* 8026 22 60

Suitable for

1

Page

Order no.





Cover for KNX motion detector module

Available from 01/2016	Suitable for	Order no.	Page
Available from 01/2016	KNX motion detector module 1.1 m	8026 21	43
	KNX motion detector module 2.2 m	8026 22	44
Design	Order no.		PU
Berker S.1/B.3/B.7			
white glossy	* 8096 04 52		1
polar white glossy	* 8096 04 59		1
anthracite, matt	* 8096 04 85		1
aluminium, matt, lacquered	* 8096 04 83		1
Berker Q.1/Q.3			
polar white velvety	* 8096 04 29		1
anthracite velvety, lacquered	* 8096 04 26		1
aluminium velvety, lacquered	* 8096 04 21		1

Berker K.1/K.5

polar white glossy	* 8096 04 79	1
anthracite, matt	* 8096 04 75	1
aluminium, matt, lacquered	* 8096 04 71	1
stainless steel matt, lacquered	* 8096 04 73	1

:hager



Presence detectors



Operating voltage over bus Current consumption Recommended installation height Brightness measuring range Delay time, adjustable	21 32 V= 12 mA ≈ 2.5 3.5 m 5 1200 lx 1 min 30 min	 with potentiometers for setting brightness and delay time with energy saving by presence and lighting control bus connection via connecting with constant light control 	out dismantli d brightness-	ing
Detection angle Operating temperature Dimensions (Ø x H)	360 ° + 0 + 45 °C 110 x 44 mm	Suitable for optional KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD Surface-mounted housing for presence detector	Order no. TJA6 65 TXA1 00 EE8 13	Page 61 62 45
Design		Order no.		PU
white		TXC5 11		1
Surface-mounted housing for prese	nce detector			



p	olar white matt		EE8 13		1
De	esign		Order no.		PU
			Suitable for KNX presence detector with constant light control	Order no. TXC5 11	Page 45
D	imensions (Ø x H)	70 x 45 mm	 with cable entry 		
S	urface-mounted housing fo	r presence detector			

IR presence detectors

The configuration server (order no.: TJA665) or the tool set (order no.: TXA100) is required for easy commissioning via easy link.



KNX IR presence detector	KNX I	{ presence	detector
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polar white matt		T CC51 0S		1
Design		Order no.		PU
		Surface-mounted housing for presence detector	EEK0 05	46
		IR hand-held transmitter for presence detect		46
		IR configuration hand-held transmitter for presence detector	EEO U/	40
		easy link RMD	EE8 07	46
		KNX system package commissioning tool	TXA1 00	62
		KNX Configuration server easy link RMD	TJA6 65	61
Dimensions (Ø x H)	78 x 70 mm	Suitable for optional	Order no.	Page
Installation opening Ø	60 63 mm			_
Operating temperature		 with spring clips for ceiling instance 	allation	
	- 10 + 45 °C	- bus connection via connecting	terminal	
Detection field Ø, at desk height	≈ 5 m	 with programming button 		
Detection field Ø, on floor	≈ 7 m	brightness and delay time with	out dismantl	ing
Detection angle	360 °	 with potentiometers for setting 	the respons	е
Delay time, adjustable	≈ 1 min 1 h	 with integrated bus coupling ur 	nit	
Brightness measuring range	5 1000 lx	detection range		
Recommended installation height		 linking several detectors in order 	er to expand	the
	≈ 2.5 3.5 m	lighting control	brighthood	oonnoo
Operating voltage over bus	21 32 V=	 energy saving by presence and 	hrightness-	controlled



-	Dimensions (Ø x H)	75 x 65 mm	 with cable entry 		
			Suitable for KNX IR presence detector	Order no. T CC51 0S	Page 45
	Design		Order no.		PU
	polar white, matt, plastic		EEK0 05		1
	IR hand-held transmitter for pr	esence detector			
	Battery service life [years]	≈ 3.5	 with 4 function buttons (c 	alling up/saving lig	ht scene)
EFER 6	Dimensions (L x W x H)	120 x 70 x 10 mm	 with green "on" and red " function) 		
	For control for the lighting conne detector.	ected to the presence	 additional acknowledgem transmission 	ent LED for displa	ying the IR
	Scope of functions dependent of ence detector.	n the controlled pres-	– RC6 code		
	Required battery (CR 2032) is ind delivery.	cluded in the scope of	Suitable for KNX IR presence detector	Order no. T CC51 0S	Page 45
Ś	Design		Order no.		PU
/	black matt		EE8 08		1
to the left	IR configuration hand-held tran detector	nsmitter for presence			
10	Battery service life [years]	≈ 2.5	 – 15 buttons with integrated 	d status-LED	
Stor 2	Dimensions (L x W x H)	111 x 63 x 10 mm	 additional acknowledgem transmission 	ent LED for displa	ying the IR
	For convenient configuration of s detectors.	supported presence	 3 configuration ranges for brightness threshold 	control, switch-o	ff delay,
	Required battery (CR 2032) is ind delivery.	cluded in the scope of	 setting of the brightness t fault values or teach-in m 		, by de-
			 default settings can be set threshold daylight, office, RC6 code 	lected for the brig corridor	htness
			 2 configuration memories several presence detecto 		guration of
			Suitable for KNX IR presence detector	Order no. T CC51 0S	Page 45
~	Design		Order no.		PU

 The configuration server (order no.: TJA665) or the tool set (order no.: TXA100) is required for easy commissioning via easy link.

Twilight switch 6 channel RMD				
Operating voltage over bus Operating temperature Line length Conductor cross-section (flexible) Conductor cross-section (rigid) Width of rail mounted device (RMD)	21 32 V= + 0 + 45 °C max. 100 m 1 6 mm ² 1 10 mm ² 2 modules	 for switch, dimmer and shutter manual operation can be activa switch, thereby deactivation of Brightness modifiable via poter six brightness limit values for ir of switching channels with 2 status LEDs with programming button and r with integrated bus coupling ur bus connection via connecting with screw terminals 	ated via selec the KNX fun ntiometer ndependent a red programm nit	ction activation
		Suitable for Brightness sensor built-in Brightness sensor surface-mounted optional KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD	Order no. EE0 02 EE0 03 TJA6 65 TXA1 00	Page 47 47 61 62
Design		Order no.		PU
light grey		TXA0 25		1



	Twilight switch 6 channel RMD with t sensor RMD	orightness			
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Operating voltage over bus	21 32 V=	 six brightness limit values for ir 	ndependent a	activation
E.Ø	Operating temperature	+ 0 + 45 °C	of switching channels		
G H MAL	Line length	max. 100 m	 with surface-mounted brightne 		
- Sa	Conductor cross-section (flexible)	1 6 mm ²	 with programming button and i 		ning LED
	Conductor cross-section (rigid)	1.5 10 mm ²	 with integrated bus coupling ur 	nit	
	Width of rail mounted device (RMD)	2 modules	 with screw terminals 		
		Emoduloo	Suitable for	Order no.	Page
			optional KNX Configuration server easy link RMD	TJA6 65	61
			KNX system package commissioning tool	TXA1 00	62
			easy link RMD Brightness sensor built-in	EE0 02	47
			replacement	220 02	
			Brightness sensor surface-mounted	EE0 03	47
	Design		Order no.		PU
	Twilight switch 6 channel RMD with brig RMD	ghtness sensor	TXA0 26		1
	Brightness sensor built-in				
	Pre-assembled cables	≈1 m	Suitable for	Order no.	Page
	To detect ambient brightness.		Twilight switch 6 channel RMD with bright- ness sensor RMD	TXA0 26	47
	i o dotoot ambiont brightnood.		Twilight switch 6 channel RMD	TXA0 25	46
	Design		Order no.		PU
	Brightness sensor built-in		EE0 02		1
	Brightness sensor surface-mounted				
	Conductor cross-section (flexible)	0.75 4 mm ²	Suitable for	Order no.	Page
	To detect ambient brightness.		Twilight switch 6 channel RMD	TXA0 25	46
	To detect ambient bignness.		Twilight switch 6 channel RMD with bright- ness sensor RMD	TXA0 26	47
	Design		Order no.		PU
	Brightness sensor surface-mounted		EE0 03		1



Physical sensors

- The configuration server (order no.: TJA665) or the tool set (order no.: TXA100) is required for easy commissioning	
via easy link.	

New

Weather station with GPS surface-m	ounted			
Measuring range, wind speed Precipitation (Yes/No) Operating temperature	ls.	 With wind, precipitation, twiligh brightness sensor with automatic summer/winter with heater element for winter of with red programming LED for control of shading systems easy commissioning by means meters predefined parameters when an tection function or heat recover Periodical emission for outside alarm, brightness, day/night me rain alarm predefined Three preset limit values for with bus connection via connecting with plug-in terminals for power for wall and mast assembly with pipe clamp for mast fixing Suitable for optional KNX Configuration server easy link RMD 	time change operation for up to 4 fa of predefine ctivating hea ry function temperature ode, wind ala nd alarm terminal tersupply	-over acades d para- t pro- e, frost
		KNX system package commissioning tool easy link RMD	TXA1 00	62
		KNX power supply 2 x 320 mA + 24 V DC, 640 mA RMD	TXA1 14	63
		Electrical power supply 24 V DC RMD	TGA2 00	63
Design		Order no.		Р
white transparent		* TXE5 30		1
Temperature sensor				
Characteristic resistance value at 25 °C Operating temperature Sensor cable length	C 10 kΩ - 40 + 80 °C 4 m	 as replacement or function extension with suitable connection, such sensors or KNX thermostat 		
		Suitable for Push-button module 1gang Push-button module 2gang	Order no. 8014 11 8014 21	Page 34 35



Push-button module 1gang	8014 11	34
Push-button module 2gang	8014 21	35
KNX thermostat	8044 01 00	36
KNX room controller	8066 01 00	37
Bus application unit flush-mounted	8004 00	28



Design	Order no.	
Temperature sensor	EK0 90	



Timers

 The configuration server (order no.: TJA665) or the tool set (order no.: TXA100) is required for easy commissioning via easy link.

Week time switch 2	gang RMD				
Operating voltage ov Lithium cell power re Operating temperatu Conductor cross-see Conductor cross-see Width of rail mounte	eserve [years] ire ction (flexible) ction (rigid)	21 32 V= ≈ 5 + 0 + 45 °C 1.5 10 mm ² 1 6 mm ² 2 modules	 functions e.g. switching, dimm heating, operating modes, date with 5 manual operation buttor with programming button and a with programming key with integrated bus coupling un bus connection via connecting with screw terminal 	e, time is red programi nit	•
			Suitable for	Order no.	Page
			Programming key for time switches	EG0 05	50
			Blocking key for time switches optional	EG0 04	49
			KNX Configuration server easy link RMD	TJA6 65	61
			KNX system package commissioning tool easy link RMD	TXA1 00	62
Design			Order no.		F
Week time switch 2c	ang RMD		TXA0 22		1



Week time switch 2gang RMD for DCF receiver

Wook and owned Egang hand for B		
Operating voltage over bus Lithium cell power reserve [years] Operating temperature Conductor cross-section (flexible) Conductor cross-section (rigid) Width of rail mounted device (RMD)	21 32 V= ≈ 5 + 0 + 45 °C 1.5 10 mm ² 1 6 mm ² 2 modules	 functions e.g. switching, dimming, blinds, light scenes, heating, operating modes, date, time with 5 manual operation buttons with programming button and red programming LED with programming key with integrated bus coupling unit bus connection via connecting terminal with screw terminal

Suitable for	Order no.	Page
Programming key for time switches	EG0 05	50
Blocking key for time switches optional	EG0 04	49
KNX Configuration server easy link RMD	TJA6 65	61
KNX system package commissioning tool easy link RMD	TXA1 00	62
Order no.		Pl

Week time switch 2gang RMD for DCF receiver TXA0 23

1000
ROAD DOTT

Design

Operating temperature	- 20 + 50 °C
Line length	max. 200 m
Conductor cross-section (flexible)	0.5 1.5 mm²
Conductor cross-section (rigid)	0.5 2.5 mm ²

DCF receiver for time switch

0 + 50 °C x. 200 m	 with radio receiver for the DCF77 signal with wall bracket and screw fitting
1.5 mm²	

Design	Order no.	PU
DCF receiver for time switch	EG0 01	1



Blocking key for time switches				
Operating temperature Dimensions (L x W x H)	- 5 + 45 °C 10 x 20 x 30 mm	Suitable for Week time switch 2gang RMD optional	Order no. TXA0 2	Page 49
		Storage tray for programming keys	EG0 06	50
Design		Order no.		PU
Blocking key for time switches		EG0 04		1



	Programming key for time switches				
	Operating temperature	- 5 + 45 °C	Suitable for	Order no.	Page
	Dimensions (L x W x H)	10 x 20 x 30 mm	Week time switch 2gang RMD	TXA0 2	49
			optional Storage tray for programming keys	EG0 06	50
	Design		Order no.		Pl
	Programming key for time switches		EG0 05		1
	Storage tray for programming keys				
			Suitable for	Order no.	Page
EG 006 227006 -			Blocking key for time switches	EG0 04	49
			Programming key for time switches	EG0 05	50
	Design		Order no.		P
	Storage tray for programming keys		EG0 06		1
1	USB key adapter with software				
	Operating temperature	+ 0 + 40 °C			
<u>N</u>					
	Design		Order no.		P
•	USB key adapter with software		EG00 3G		1
Universal interfaces					
	 The configuration server (order no.: TJ via easy link. 	IA665) or the tool s	set (order no.: TXA100) is required f	for easy com	missionii
	Universal interface 2gang flush-moun	ted			
ČE	Operating voltage over bus	21 32 V=	- Switching functions, dimming	functions, bli	nd contr
9	Input scanning voltage	per channel 5 V	functions, value transmitter fur functions, scene functions, her		
	Operating temperature	+ 0 + 45 °C	timer functions, 2 channel mod		
	Line length	max. 5 m	- with programming button and	red program	ming LE
	Dimensions (L x W x H)	38 x 35 x 12 mm	 with 2 independent binary inpu contacts 	uts for potent	ial-free
	For connection of potential-free contacts		 with integrated bus coupling u 	nit	
	switches, push-buttons, window contact contacts or thermostats, for communica KNX bus system.		 bus connection via connecting for flush mounting and hollow- 	•	q
			Suitable for	Order no.	Page
			optional		61
			KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD	TJA6 65 TXA1 00	61 62

Design Universal interface 2gang flush-mounted

Order no. TXB3 02

KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD

PU



	Universal interface 2gang with 2 mounted	2 LED outputs flush-			
	Operating voltage over bus Input scanning voltage Operating temperature	21 32 V= per channel 5 V + 0 + 45 °C	 Switching functions, dimming trol functions, value transmitter trol functions, scene functions 2 channel mode 	functions, fo and heating	orced cor functions
	Line length Dimensions (L x W x H)	max. 5 m 38 x 35 x 12 mm	 with programming button and it with 2 independent binary input contacts 		-
	For connection of potential-free c switches, push-buttons, window c contacts or thermostats, for comr	contacts, detector	 with 2 freely parameterisable o activation 	utputs for LE	Ð
	KNX bus system.	nunication into	 with integrated bus coupling un bus connection via connecting for flush mounting and hollow- 	terminal	g
			Suitable for	Order no.	Page
			optional KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD	TJA6 65 TXA1 00	61 62
	Design		Order no.		PU
	Universal interface 2gang with 2 L ted	ED outputs flush-moun-	TXB3 22		1
No.	Universal interface 4gang flush-	mounted			
	Operating voltage over bus Input scanning voltage Operating temperature	21 32 V= per channel 5 V + 0 + 45 °C	 Switching functions, dimming functions, value transmitter functions, scene functions, heat timer functions, 2 channel moc 	ctions, force ting function	d control
	Line length Dimensions (L x W x H)	max. 5 m 38 x 35 x 12 mm	 with programming button and red programming l with 4 independent binary inputs for potential-fre contacts 		
	For connection of potential-free c switches, push-buttons, window o contacts or thermostats, for comr KNX bus system.	contacts, detector	 with integrated bus coupling up bus connection via connecting for flush mounting and hollow- 	terminal	g
			Suitable for	Order no.	Page
			optional KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD	TJA6 65 TXA1 00	61 62
	Design		Order no.		PU
	Universal interface 4gang flush-m	ounted	TXB3 04		1
	Universal interface 4gang with 4 mounted	LED outputs, flush-			
	Operating voltage over bus Input scanning voltage Operating temperature	21 32 V= per channel 5 V + 0 + 45 °C	 Switching functions, dimming functions, value transmitter trol functions, value transmitter trol functions, scene functions 2 channel mode 	functions, fo	orced cor
	Line length Dimensions (L x W x H)	max. 5 m 38 x 35 x 12 mm	 with programming button and it with 4 independent binary input contacts 		•
I	For connection of potential-free c switches, push-buttons, window o contacts or thermostats, for comr KNX bus system.	contacts, detector	 with 4 freely configurable output with integrated bus coupling un bus connection via connecting for flush mounting and hollow- 	nit terminal	
			Suitable for	Order no.	Page
			optional KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD	TJA6 65 TXA1 00	61 62
	Design		Order no.		PU
	light grey		TXB3 44		1

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Binary inputs

-	The configuration server (order no.: TJA665) or the tool set (order no.: TXA100) is required for easy commissioning
	via easy link.

Binary input 230 V AC RMD				
Operating voltage over bus	21 32 V=	 Switching functions, dimming f 		
Input voltage	230 V~	functions, value transmitter fun functions, scene functions, hea		
Signal frequency	50/60 Hz	er functions, 2 channel mode	ang fanotion	
Input cable length Operating temperature Conductor cross-section (rigid)	max. 100 m	 with programming button and r 	ed program	ming LE
	+ 0 + 45 °C	- manual operation per channel		
	0.75 2.5 mm ²	rated status LED, thereby lock		
Conductor cross-section (flexible)	0.75 2.5 mm ²	 manual operation can be activated with integrated bus coupling ur 	ction sw	
For connection of 230 V AC power suppli communication into KNX bus system.		 bus connection via connecting suitable for different external constrained with QuickConnect plug-in term 	onductors	
		Suitable for	Order no.	Page
		optional KNX Configuration server easy link RMD	TJA6 65	61
		KNX system package commissioning tool easy link RMD	TXA1 00	62
Design		Order no.		F
4 independent binary inputs with se	eparate neutral conc	luctor		
4gang 1)		TXA3 04		1
10 independent binary inputs with	separate neutral cor	nductor		
		TXA3 10		



 $^{1)}$ Dimensions (W x H x D): 72 x 90 x 70 mm, 4 modules $^{2)}$ Dimensions (W x H x D): 105 x 90 x 65 mm, 6 modules

Fra U Fra Tu good in	Binary input, 6gang, RMI	D, 24 V AC/DC - 230 V AC			
		s 21 32 V= potential-free, 24 230 V~/= max. 100 m + 0 + 45 °C 0.75 2.5 mm ² 0.75 2.5 mm ² 105 x 90 x 65 mm 6 modules I-free or 230 230 V AC/DC or communication into KNX	 Switching functions, dimming functions, value transmitter functions, scene functions, heat timer functions, 2 channel models with 6 red status LEDs for disp with 6 red status LEDs for disp with programming button and function and peration per channel rated status LED, thereby lock manual operation can be activated by a coupling understand the status coupling understand the status	actions, force ating function le vlay of input s red program via button wi out of KNX fu ated via select nit terminal its with separ onductors	d control is and itates ming LED th integ- inction ction switch
			Suitable for optional KNX Configuration server easy link RMD KNX system package commissioning tool	Order no. TJA6 65 TXA1 00	Page 61 62
	Design		easy link RMD Order no.		PU
	6gang		TXA3 06		1



KNX Actuators

Switch actuators/blind actuators RMD easy

 The configuration server (order no.: TJA665) or the tool set (order no.: TXA100) is required for easy commissioning via easy link.

lew	Switch actuator/blind actuator R	MD, 10 A			
	Operating voltage over bus Frequency Switching current at cos = 0.8 230 V LED lamps Quantity LED lamps Quantity energy-saving lamps 230 V incandescent lamps 230 V halogen lamps Conventional transformers Electronic transformers Fluorescent lamps: - with electronical ballast (EB) Operating temperature Conductor cross-section (flexible) Conductor cross-section (rigid) Follow the motor manufacturers' in For switching of independent loads		 for switching of an independen channel or activation of a blind channels each any combined operation from of functions possible manual operation can be activa- tion switch, thereby deactivation with illuminated programming I with manual operation button f bus function on/off per channe Status LED integrated in manu with positioning function for sh with safety functions e.g. for w with sun shade function with potential-free normally-op Large labelling field suitable to switch different exter with integrated bus coupling u bus connection via connecting with QuickConnect plug-in terr 	drive via two drive and swi ated via 2-lev on of the KNX outton or on/off (up/ l (single area al operation l utter and bla ind, rain, alar en contact ernal conduct hit terminal	o actuator tching /el selec- (function /down) and operation button de positio m
	drives.		Suitable for optional	Order no.	Page
			KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD	TJA6 65 TXA1 00	61 62
	Design		Order no.		PU
	6 control channels/3 blind actuat	or channels			
	light grey, 6/3gang 1)		* T XA60 6B		1
	8 control channels/4 blind actuat	or channels			
वा वा वा	light grey, 8/4gang, with Auxiliary v	oltage 2)	* T XA60 8B		1
	light grey, 8/4gang, with Auxiliary v		* T XA60 8B		



10 control channels/5 blind actuator channels

light grey, 10/5gang ²⁾	* T XA61 0B
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 $^{\rm 1)}$ Dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules $^{\rm 2)}$ Dimensions (W x H x D): 105 x 90 x 65 mm, 6 modules



New	Switch actuator/blind actuator R	MD for C load, 16 A			
	Operating voltage over bus Frequency Switching current at cos = 0.8 230 V LED lamps Quantity LED lamps Quantity energy-saving lamps 230 V incandescent lamps 230 V halogen lamps Electronic transformers Operating temperature Conductor cross-section (flexible) Conductor cross-section (rigid) Follow the motor manufacturers' in For switching of independent loads drives.		 for switching of an independenchannel or activation of a blind channels each any combined operation from functions possible manual operation can be activation switch, thereby deactivatiin with illuminated programming with manual operation button bus function on/off per channel Status LED integrated in manual with positioning function for sf with safety functions e.g. for w with sun shade function with potential-free normally-op Large labelling field suitable to switch different ext with integrated bus coupling u bus connection via connecting with QuickConnect plug-in ter 	d drive via two drive and swi ated via 2-lev on of the KNX button for on/off (up/ el (single area ial operation I nutter and bla <i>v</i> ind, rain, alar ben contact ernal conduct nit g terminal	o actuator tching rel selec- (function (down) and operation) outton de position m
			Suitable for	Order no.	Page
			optional KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD	TJA6 65 TXA1 00	61 62
	Design		Order no.		PU
	4 control channels/2 blind actuat	or channels			
	light grey, 4/2gang 1)		* T XA60 4D		1
New	6 control channels/3 blind actuat	or channels			
	light grey, 6/3gang ¹⁾		* T XA60 6D		1
New	8 control channels/4 blind actuat	or channels			
	light grey, 8/4gang, with Auxiliary v	oltage ²⁾	* T XA60 8D		1
New	10 control channels/5 blind actua	ator channels			
	light grey, 10/5gang ²⁾		* T XA61 0D		1

 $^{1)}$ Dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules $^{2)}$ Dimensions (W x H x D): 105 x 90 x 65 mm, 6 modules

KNX easy KNX Actuators



New	Switch actuator/blind actuator R	MD for C load, 16 A			
	Operating voltage over bus Frequency Switching current at cos = 0.8 230 V LED lamps Quantity LED lamps Quantity energy-saving lamps 230 V incandescent lamps 230 V halogen lamps Conventional transformers Electronic transformers Fluorescent lamps: - with electronical ballast (EB) Operating temperature Conductor cross-section (flexible) Conductor cross-section (rigid) Follow the motor manufacturers' in For switching of independent loads		tion owitch, thereby depetivation of the KNV function		
	drives.		Suitable for optional KNX Configuration server easy link RMD KNX system package commissioning tool	Order no. TJA6 65 TXA1 00	Page 61 62
			easy link RMD	TAT UU	
	Design 16 control channels/8 blind actua	tor channels	Order no.		PU
			* T XM61 6D		1
New	light grey, 16/8gang ¹⁾ 20 control channels/10 blind actu				I
New					
1.tttt	light grey, 20/10gang ²⁾		* T XM62 0D		1

 $^{\rm 1)}$ Dimensions (W x H x D): 140 x 90 x 65 mm, 8 modules $^{\rm 2)}$ Dimensions (W x H x D): 175 x 90 x 65 mm, 10 modules



Dim actuators RMD easy



_	The configuration server (order no.: TJA665) or the tool set (order no.: TXA100) is required for easy commissioning
	via easy link.

Universal dim actuator 1 gang RMD 300 W

Operating voltage over bus	21 32 V=	 selection switch for manual/bus operation as we load setting 	ell as
Auxiliary voltage	230 V~	 manual operation can be activated via selection 	
Frequency	50/60 Hz	switch, thereby deactivation of the KNX function	
Dimmable 230 V LED lamps	60 W	 manual operation also possible without bus e.g. 	on
Quantity of dimmable, 230 V LED lamp		building site	1.
Dimmable energy-saving lamps	60 W	 manual operation per channel using button (sing area operation) 	jie-
Quantity energy-saving lamps	max. 8	 Status LED integrated in manual operation butto 	n
230 V incandescent lamps and halo- gen lamps	300 W	 with illuminated programming button 	
Dimmable conventional transformers	300 VA	 learning function for optimised operation of com 	pact
Electronic transformers	300 W	fluorescent lamps and LED luminaires can be activated via the bus	
Operating temperature	- 5 + 45 °C	 specification of the load type per channel possibusing button on the device 	ble
Conductor cross-section (flexible)	0.75 2.5 mm ²	 phase cut-on or cut-off according to load type. 	
Conductor cross-section (rigid)	0.75 2.5 mm ²	self-learning	
Dimensions (W x H x D) Width of rail mounted device (RMD)	70 x 90 x 65 mm 4 modules	 minimum/maximum dimming values per channe settable on device 	1
	4 11000165	 Large labelling field 	
Do not connect conventional transform electronic transformers.	ers together with	 short-circuit proof and overload proof (display p channel using LEDs) 	er
		 overheating protection (display using LEDs) 	
		 with integrated bus coupling unit 	
		 bus connection via connecting terminal 	
		 with QuickConnect plug-in terminals 	
			age
		optional KNX Configuration server easy link RMD TJA6 65 61	
		KNX system package commissioning tool TXA1 00 62 easy link RMD	
Design		Order no.	PU
light grey	د	* T XA66 1A	1



Universal dim actuator 1 gang RMD 600 W

selection switch for manual/bus operation as we load setting manual operation can be activated via selection switch, thereby deactivation of the KNX function manual operation also possible without bus e.g. building site manual operation per channel using button (sin area operation) Status LED integrated in manual operation but with illuminated programming button learning function for optimised operation of con fluorescent lamps and LED luminaires can be activated via the bus specification of the load type per channel poss using button on the device phase cut-on or cut-off according to load type	n g. on ngle- ton mpact sible
switch, thereby deactivation of the KNX function manual operation also possible without bus e.g. building site manual operation per channel using button (sir area operation) Status LED integrated in manual operation but with illuminated programming button learning function for optimised operation of con fluorescent lamps and LED luminaires can be activated via the bus specification of the load type per channel poss using button on the device phase cut-on or cut-off according to load type	on g. on ngle- ton mpact sible
building site manual operation per channel using button (sir area operation) Status LED integrated in manual operation but with illuminated programming button learning function for optimised operation of con fluorescent lamps and LED luminaires can be activated via the bus specification of the load type per channel poss using button on the device phase cut-on or cut-off according to load type	ngle- ton mpact sible
with illuminated programming button learning function for optimised operation of con fluorescent lamps and LED luminaires can be activated via the bus specification of the load type per channel poss using button on the device phase cut-on or cut-off according to load type	mpact sible
using button on the device phase cut-on or cut-off according to load type	
short-circuit proof and overload proof (display channel using LEDs) overheating protection (display using LEDs) with integrated bus coupling unit bus connection via connecting terminal	
	Page
NX Configuration server easy link RMD TJA6 65 NX system package commissioning tool TXA1 00	61 62
rder no.	PU
	settable on device Large labelling field short-circuit proof and overload proof (display channel using LEDs) overheating protection (display using LEDs) with integrated bus coupling unit bus connection via connecting terminal with QuickConnect plug-in terminals uitable for Order no. ptional NX Configuration server easy link RMD TJA6 65

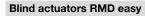


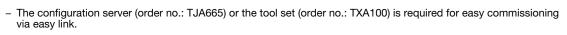
New	Universal dim actuator 3gang RME	0			
New	Operating voltage over bus Auxiliary voltage Frequency Dimmable 230 V LED lamps Quantity of dimmable, 230 V LED lamps Dimmable energy-saving lamps Quantity energy-saving lamps 230 V incandescent lamps and halo- gen lamps Dimmable conventional transformers Electronic transformers Operating temperature Conductor cross-section (flexible) Conductor cross-section (rigid) Dimensions (W x H x D) Width of rail mounted device (RMD) Do not connect conventional transfor electronic transformers.	21 32 V= 230 V~ 50/60 Hz per channel 60 W max. 8 per channel 60 W max. 8 per channel 300 W s per channel 300 W - 5 + 45 °C 0.75 2.5 mm ² 0.75 2.5 mm ² 105 x 90 x 65 mm 6 modules	 1, 2 or 3-channel operation por load coupling of 2 or 3 channel output power using selections selection switch for manual/buiload setting manual operation can be active switch, thereby deactivation of manual operation also possible building site manual operation per channel area operation) Status LED integrated in manuel with illuminated programming learning function for optimised fluorescent lamps and LED lun activated via the bus specification of the load type i using button on the device phase cut-on or cut-off accord self-learning minimum/maximum dimming settable on device Large labelling field short-circuit proof and overloa channel using LEDs) overheating protection (displa with integrated bus coupling u bus connection via connecting with QuickConnect plug-in ter Suitable for optional KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD 	els settable to switch us operation a vated via selec f the KNX func e without bus using button ual operation to button d operation of minaires can b per channel po ding to load ty values per cha ad proof (displ y using LEDs) unit g terminal	s well as tion e.g. on (single- button compact pessible pe, annel
	Design		Order no.		PU
	light grey		* T XA66 3A		1
	5 5 5				-



Universal dim actuator 4gang RMD

Universal dim actuator 4gang RMD				
Operating voltage over bus Auxiliary voltage Frequency	21 32 V= 230 V~ 50/60 Hz	 selection switch for manual/bule load setting manual operation can be active 	ated via selec	ction
Dimmable 230 V LED lamps Quantity of dimmable, 230 V LED lamps Dimmable energy-saving lamps Quantity energy-saving lamps 230 V incandescent lamps and halo- gen lamps	per channel 60 W max. 8 per channel 60 W max. 8	 switch, thereby deactivation or manual operation also possible building site manual operation per channel area operation) Status LED integrated in manual with illuminated programming learning function for optimised function for optimised 	e without bus using button lal operation l button	e.g. on (single- outton compac
Dimmable conventional transformers Electronic transformers Operating temperature Conductor cross-section (flexible) Conductor cross-section (rigid) Dimensions (W x H x D) Width of rail mounted device (RMD)	per channel 300 VA per channel 300 W - 5 + 45 °C 0.75 2.5 mm ² 0.75 2.5 mm ² 140 x 90 x 65 mm 8 modules	fluorescent lamps and LED lur activated via the bus – specification of the load type p using button on the device – phase cut-on or cut-off accord self-learning – minimum/maximum dimming v settable on device – Large labelling field	ber channel p	ossible vpe,
Do not connect conventional transfor electronic transformers.		 suitable to switch different ext short-circuit proof and overloa channel using LEDs) overheating protection (display with integrated bus coupling u bus connection via connecting with QuickConnect plug-in term 	d proof (displ / using LEDs) nit 1 terminal	ay per
		optional KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD	Order no. TJA6 65 TXA1 00	Page 61 62
Design		Order no.		PL
light grey		* T XA66 4A		1





:hager

New	Blind actuator 4gang RMD 24 V DC				
	Operating voltage over bus Switching current (ohmic) Switching current at 24 V= Operating temperature Conductor cross-section (flexible) Conductor cross-section (rigid) Dimensions (W x H x D) Width of rail mounted device (RMD) Follow the motor manufacturers' instru	21 32 V= max. 6 A max. 6 A - 5 + 45 °C 0.75 2.5 mm ² 0.75 2.5 mm ² 70 x 90 x 65 mm 4 modules uctions.	 for activation of a DC drive per operating mode can be set for manual operation can be active switch, thereby deactivation of manual operation per channel area operation) Status LED integrated in manu with illuminated programming function for sh with positioning function for sh with safety functions e.g. for w with sun shade function Large labelling field with integrated bus coupling u bus connection via connecting with QuickConnect plug-in terr 	roller shutter ated via sele- the KNX fur using button al operation button nutter and bla ind, rain, ala nit terminal	r/awning ction iction (single- button ade position
			optional KNX power supply 2 x 320 mA + 24 V DC, 640 mA RMD	TXA1 14	63
			KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD	TJA6 65 TXA1 00	61 62
			Electrical power supply 24 V DC RMD	TGA2 00	63
	Design light grey, 4gang		Order no. * T XA62 4D		PU 1
	Frequency Switching current at cos = 0.8 Operating temperature Conductor cross-section (flexible) Conductor cross-section (rigid) Follow the motor manufacturers' instru	50/60 Hz max. 6 A - 5 + 45 °C 0.75 2.5 mm ² 0.75 2.5 mm ² uctions.	 operating mode can be set for manual operation can be active switch, thereby deactivation of manual operation per channel area operation) Status LED integrated in manu with manual operation button f with illuminated programming with positioning function for sh with safety functions e.g. for w with sun shade function Large labelling field suitable to switch different external suitable to switch different external suitable to scoupling u 	ated via sele the KNX fur using button al operation or up/down button utter and bla ind, rain, ala ernal conduc nit	ction Inction (single- button per channe ade position rm
			 bus connection via connecting with QuickConnect plug-in terr 	ninals	David
			Suitable for optional KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD	Order no. TJA6 65 TXA1 00	Page 61 62
	Design Blind actuator channels for 4 AC dri	ives	Order no.		PU
New	light grey, 4gang ¹⁾ Blind actuator channels for 8 AC dri		* T XA62 4C		1
and and	light grey, 8gang ²⁾		* T XA62 8C		1
* EEEE					

 $^{1)}$ Dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules $^{2)}$ Dimensions (W x H x D): 105 x 90 x 65 mm, 6 modules

KNX easy KNX Actuators



New	Blind actuator 12gang RMD 230 V				
	Operating voltage over bus Frequency Operating temperature Conductor cross-section (flexible) Conductor cross-section (rigid) Dimensions (W x H x D) Width of rail mounted device (RMD) Follow the motor manufacturers' instr	21 32 V= 50/60 Hz - 5 + 45 °C 0.5 6 mm ² 0.5 6 mm ² 175 x 90 x 65 mm 10 modules	 for activation of an AC drive period operating mode can be set for selection switch for manual/buo operating level manual operation can be activation of Manual operation per channel area operation, two operating Status LED integrated in manual with manual operation button for sh with illuminated programming with safety functions e.g. for w with sun shade function with integrated bus coupling u Large labelling field suitable to switch different extra bus connection via connecting 	roller shutter as operation a ated via select f the KNX fun using button levels) ral operation for up/down p button nutter and bla rind, rain, alar nit ernal conduc	/awning and second ction (single- button ber channel de position m
			Suitable for optional KNX Configuration server easy link RMD	Order no. TJA6 65	Page 61
			KNX system package commissioning tool easy link RMD	TXA1 00	62
	Design		Order no.		PU
	light grey		* T XM63 2C		1

HVAC actuators **RMD**

The configuration server (order no.: TJA665) or the tool set (order no.: TXA100) is required for easy commissioning via easy link.

	Heating actuator 6gang surface-mounted 24 V AC				
	 integrated transformer Departing voltage over bus Output voltage Frequency Total output current Operating temperature Dimensions (W x H x D) Actuators, 24 V 	21 32 V= 24 V~ 50/60 Hz max. 1 A + 0 + 50 °C 302 x 75 x 70 mm max. 13	 for individual single room temperature control for continuous (PI) or switched (2-point) control for valve drives 24 V, closed in de-energized state with on red heat request LED per channel with green operation LED and red programming with red fuse LED with emergency programme, e.g. for sensor or failure short-circuit and overload proof (fine-wire fuse) bus connection via connecting terminal with plug-in terminals DIN rail mounting possible with integral transformer 	ate g LED bus	
	Design		Order no.	PU	
	grey, 6gang Triac 1)		TX20 6H	1	
¹⁾ max. 4 valve drives 24 V per ch	annei				

Valve drives



KNX valve drive

- with integrated bus coupling unit - bus connection via connecting termi Design Order no.	nal PU
o 1 o	nal
Operating voltage over bus21 32 V=- suitable for standard heater valve tagOperating temperature+ 0 + 50 °C- with programming button and red prPre-assembled cables≈ 1 m- Functions summer operation and forDimensions (L x W x H)65 x 50 x 82 mm- with 5 LEDs for display of valve strok	ogramming LED ced mode

6



	white		TX5 02	1
	Design		Order no.	PU
			 pre-assembled, with cables 	
			 operating modes: comfort, standby, night lowering frost/heat protected 	ng,
			 for heating or cooling mode 	
			 bus connection via connecting terminal 	
			 with integrated bus coupling unit 	
		03 × 30 × 02 11111	 with 5 LEDs for display of valve stroke 	
	Dimensions (L x W x H)	\approx 1 m 65 x 50 x 82 mm	 with 2 independent binary inputs 	
	Pre-assembled cables	+0+30°C ≈1m	- summer operation	LLD
- lee	Operating voltage over bus Operating temperature	21 32 V= + 0 + 50 °C	 suitable for standard heater valve tappets with programming button and red programming 	
12	KNX valve drive with thermostat			

Flush-mounted actuators easy

 The configuration server (order no.: TJA665) or the tool set (order no.: TXA100) is required for easy commissioning via easy link.



Switch actuator 1gang flush-mou	nted 10 A			
Operating voltage over bus max. switching capacity at Frequency Switching current at cos = 0.8 Current consumption KNX {typ.} 230 V LED lamps Energy-saving lamps 230 V incandescent lamps 230 V halogen lamps Conventional transformers Electronic transformers Fluorescent lamps: - with electronical ballast (EB) Compact fluorescent lamps Operating temperature Conductor cross-section (flexible) Conductor cross-section (rigid) Dimensions (W x H x D)	21 32 V= 230 V~ 50/60 Hz max. 10 A typ. 7 mA 5 x 15 W 5 x 15 W 600 W 600 W 600 VA 600 W 6 x 58 W 600 W - 5 + 45 °C 0.75 2.5 mm ² 44 x 22.5 x 43 mm	 status LED integrated into the button with illuminated programming I manual operation with integrated bus coupling un with potential-free normally-op pre-assembled, with cables installation in flush-mounted or junction box Bus connection via pre-assem connection terminal with screw terminals Suitable for optional KNX configuration server easy link RMD KNX system package commissioning tool easy link RMD 	button/buttor nit en contact r splash-prote	n for ected ith bus Page 61 62
Design		Order no.		PL

Design	Order no.	PU
light grey, 1gang	* T XB60 1B	1



Switch actuator/blind actuator 2/1gang + binary input 2gang flush-mounted 6 A

Operating voltage over bus max. switching capacity at Frequency	21 32 V= 230 V~ 50/60 Hz	 for switching of two independe a blind drive per with positioning function for sh externel CD integrated into the 	utter and blade position		
230 V LED lamps Energy-saving lamps	5 x 13 W 5 x 13 W	 status LED integrated into the manual operation with illuminated programming button 			
230 V incandescent lamps 230 V halogen lamps Conventional transformers	500 W 500 W 500 VA	 with marinination programming parton with marinination programming parton pre-assembled, with cables installation in flush-mounted or splash-protecter junction box bus connection via KNX bus connection cable with screw terminals 		cted	
Electronic transformers Fluorescent lamps: - uncompensated	500 VA 500 W				
- with electronical ballast (EB)	6 x 48 W	Suitable for optional	Order no.	Page	
Operating temperature Conductor cross-section (flexible) Conductor cross-section (rigid)	- 5 + 45 °C 0.75 2.5 mm² 0.75 2.5 mm²	KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD	TJA6 65 TXA1 00	61 62	

Follow the motor manufacturers' instructions.

Design	Order no.	PU
light grey	* T XB60 2F	1





Switch actuator/blind actuator 2/1gang+ binary input 2gang flush-mounted 6 A

light grey	1	* T XB69 2F		1
Design		Order no.		PU
Follow the motor manufacturers' instru-	ctions.	KNX Configuration server easy link RMD KNX system package commissioning tool easy link RMD	TJA6 65 TXA1 00	61 62
Conductor cross-section (rigid)	0.75 2.5 mm ²	optional		•
Conductor cross-section (flexible)	0.75 2.5 mm ²	Suitable for	Order no.	Page
Binary cable length, extendable to	max. 9.9 m	 with screw terminals 		
Operating temperature	- 5 + 45 °C	 Bus connection via pre-assem connection terminal 	Dieu cable w	IIII DUS
 with electronical ballast (EB) 	6 x 48 W	junction box	blad aabla w	th hus
- uncompensated	500 VA	 installation in flush-mounted or 	r splash-prot	ected
Fluorescent lamps:		- pre-assembled, with cables		
Electronic transformers	500 W	 with potential-free normally-op 		
Conventional transformers	500 VA	 with illuminated programming 	button	
230 V halogen lamps	500 W	 status LED integrated into the button 	manual opera	ation
230 V incandescent lamps	500 W	 with positioning function for sh 		•
Energy-saving lamps	5 x 13 W	scene, forced control and time	•	
230 V LED lamps	5 x 13 W	 binary input functions: Switching 	ng, dimming,	blind,
Frequency	50/60 Hz	 any combined operation from I switching functions possible 	oinary input a	and drive o
max. switching capacity at	230 V~	input parameterisable		
Operating voltage over bus	21 32 V=	 – 2 binary inputs and 2 switching 	g outputs or	i biina

ible)

KNX System devices

System tools easy

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	Continue and the second

KNX Configuration server easy link RMD altaga over bue 01 00 1/ Operati

Operating voltage over bus	21 32 V=
Auxiliary voltage	24 V=
Transmission rate Ethernet	max. 2 x 100/1000 Mbit/s
Operating temperature	+ 0 + 45 °C
Conductor cross-section (flex-	0.75 2.5 mm ²

Conductor cross-section (rigid) 0.75 ... 2.5 mm² Width of rail mounted device 6 modules (RMD)

Knowledge of the relevant network technology is re-quired for installation. System requirements: Windows 8.1, Android 4.4, iOS 8.

- Configuration tool for commissioning of KNX installa-tions in easy mode
- Selection switch for online/offline mode
- with green and red status LED for LAN status, opera-tional stand-by, KNX status and gateway connection
- with illuminated programming button
- Power supply via PoE
- 2 RJ45 Ports for LAN connection
- with 2 USB jacks type B, USB 2.0 compliant
- Large labelling field
- with integrated bus coupling unit
- bus connection via connecting terminal
- with QuickConnect plug-in terminals

Suitable for KNX Operating systems KNX Sensors KNX Actuators KNX power supply 2 x 320 mA + 24 V DC, 640 mA RMD	Order no. TXA1 14	Page page 28 page 43 page 53 63
Order no.		PU
* TJA6 65		1

Design light grey



New	KNX system package commissionin RMD	g tool easy link							
\square	Transmission rate Ethernet max. 2 x 100/1000 Mbit/s Set consisting of: - Configuration server RMD, order no. TJA665 - Power supply 30 V DC + 24 V DC RMD, order no. TXA114 - WIFI access-point - KNX bus connection - RJ45 connection cable		 Portable suitcase with a complete set of devices needed for commissioning of KNX installations in easy mode for connection to a 230 V AC socket outlet with two RJ45 jacks Selection switch for online/offline mode with green and red status LED for LAN status, operational stand-by, KNX status and gateway connection 						
						Knowledge of the relevant network technology is re- quired for installation. System requirements: Windows – RJ45 Port for LAN connection – with 2 USB jacks type B, USB 2.0 compliant			
						8.1, Android 4.4, iOS 8.			
						The system package has been designed	ed as a complete	Suitable for KNX Operating systems	Order no. Page page 28
						set for commissioning via easy link.		KNX Sensors	page 43
			KNX Actuators replacement	page 53					
			KNX power supply 2 x 320 mA + 24 V DC, 640 mA RMD	TXA1 14 63					
	Design		Order no.	PU					
	KNX system package commissioning t	ool easy link RMD	* TXA1 00	1					
Power supplies									
The second se	KNX power supply 640 mA RMD								
	Operating voltage	230 V~	– one output 640 mA incl. choke						
	Frequency	50/60 Hz	 with electronic short-circuit and 	d overload protection					
TANK I AND	Output voltage	28 32 V=	 protected earth conductor mus 	t be connected					
San Andrew S	Output current	max. 640 mA	 with QuickConnect plug-in term 	ninals					
	Bus lines	max. 1							
	Operating temperature	- 5 + 45 °C							
	Conductor cross-section (flexible)	0.75 2.5 mm ²							
	Conductor cross-section (rigid)	0.75 2.5 mm ²							
	Width of rail mounted device (RMD)	4 modules							
	Design		Order no.	PU					
	light grey		TXA1 12	1					
	KNX power supply 2 x 320 mA RMD								
	Operating voltage	230 V~	 with green LED for display of power supply per output with red LED for display of short-circuit and overload protection per output with 2 outputs incl. choke per output 						
	Frequency	50/60 Hz							
	Output voltage	28 32 V=							
	Output current	max. 640 mA							
	Buslines	max. 2	 with electronic short-circuit and 	•					
	Operating temperature	- 5 + 45 °C	 protected earth conductor must be connected with QuickConnect plug-in terminals 						
	Conductor cross-section (flexible)	0.75 2.5 mm ²							
	Conductor cross-section (rigid)	0.75 2.5 mm ²							
	Width of rail mounted device (RMD)	4 modules							
	Design		Order no.	PU					
	light grey		TXA1 16	1					
1111111 July 200	KNX power supply 320 mA RMD								
	Operating voltage 230 V~		 one output 30 V DC, 320 mA incl. choke 						
	Frequency	50/60 Hz	 with electronic short-circuit and 	•					
	Output voltage	28 32 V=	 protected earth conductor mus 						
Cal a	Output current	max. 320 mA	 with QuickConnect plug-in term 	ninals					
	Bus lines	max. 1							
	Operating temperature	- 5 + 45 °C							
	Conductor cross-section (flexible)	0.75 2.5 mm ²							
	Conductor cross-section (rigid)	0.75 2.5 mm ²							
	Width of rail mounted device (RMD)	1 modules							

 Design
 Order no.
 PU

 light grey
 TXA1 11
 1

4 modules

Width of rail mounted device (RMD)







Company Adress line 1 Postal code, town/city

Phone Fax E-mail

Visitor-/ Shipping address: Adress line 1 Postal code, town/city

Website

