

Item no.	Type	Protection rating	Light time delay	Bereich Helligkeit	Type of installation	Channels	Installation height	Detection area seated installation height 3 m	Detection area lateral walking installation height 3m	
1019610	theluxa P300 KNX WH	IP 55	1 s – 60 min	1 – 3000 lx	Wall mounting or ceiling installation	4 x light	2 – 4 m			

KNX motion detector for outdoor use

Item no.	Type	Protection rating (when installed)	Light time delay	Brightness setting range	Type of installation	Channels	Installation height	Detection area seated installation height 3 m	Installation area lateral walking installation height 3m																				
2079500	theFrema S360 KNX UP	IP 40	5–3000 lx	5–3000 lx	UP (DE & AP mit Zubehör)	2 x light 2 x presence	2–3,5 m	■ 25 m² 5 x 5 m	■ 49 m² 7 x 7 m																				
2079000	theFrema P360 KNX UP						2–10 m	■ 49 m² 7 x 7 m	■ 81 m² 9 x 9 m																				
2089000	theRonda P360 KNX UP						2–15 m	● 87 m² Ø 10,5 m	● 452 m² Ø 24 m																				
2019300	thePassa P360 KNX UP																												
2089550	theRonda S360 KNX AP																												
2089560	theRonda S360 KNX FLAT DE						IP 54	10–3000 lx	30 s–60 min	DE	2 x light 2 x presence	2–4 m	● 13 m² Ø 4 m	● 50 m² Ø 8 m															
2039100	PlanosSpot 360 KNX DE	DE (AP mit Zubehör)	3 x light 2 x presence	■ 20 m² 4,5 x 4,5 m	■ 49 m² 7 x 7 m																								
2059102	Planocentro EWH-A KNX															DE	2 x light 2 x presence	2–3,5 m	■ 49 m² 7 x 7 m										
2059202	Planocentro UWH-A KNX																				2 x light 2 x presence	■ 20 m² 4,5 x 4,5 m	■ 81 m² 9 x 9 m						
2009000	Presencelight 360-B KNX																								UP (AP mit Zubehör)	2 x light 2 x presence	■ 20 m² 4,5 x 4,5 m	■ 49 m² 7 x 7 m	
2009050	Presencelight 180-B KNX																												

KNX presence detectors for indoor use

Presence and motion detectors



KNX RF wireless actuators
Secure communication

With the new wireless actuators constructed to the KNX standard “KNX RF1.R S-Mode”, Theben offers a practical option to expand existing KNX installations with ease. In this way, extensions to buildings or functions can be easily integrated into the system at a later date.

Thanks to the media coupler, you can easily link wired and wireless components with each other. Buttons, window contacts and temperature sensors can be directly integrated via the two binary input channels of the flush-mounted actuators.

Talking of secure: The communication of the wireless actuators is of course encrypted. That means: no chance for data theft and manipulation.



Summer, sun, sunshine
Meteodata weather station

The weather station “Meteodata” integrates harmoniously on to any façade, whether it is of brick, stone or wood construction and no matter what colour scheme. It can measure the wind speed regardless of the wind direction and in extremes of weather, even ice and snow. The capacitive rain sensor reliably detects rainfall and is unaffected by pollution.

In short: Our Meteodata weather station is a real all-rounder.



Find out how the “Meteodata” can make your customers’ lives more comfortable and how you can improve your margins in our free whitepaper.

Request your free whitepaper here:
www.theben.de/meteodata-en



KNX – a technology
and its unlimited options



Dimming actuator DU1 RF KNX
The universal dimmer is class leading not only because of its automatic load detection, but also with smooth and stepless dimming of LED lamps.



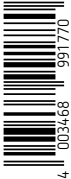
Switch actuator SU1 RF KNX
The switch actuator is the flexible all-rounder for a wide range of applications thanks to its NO contact with zero-cross switching and high switching capacity.



Blind actuator JU1 RF KNX
The blind actuator is suitable for local manual and or automatic control of blinds, awnings, or roller blinds without extensive re-cabling.



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Subject to technical changes and improvements.



Cleverly automated KNX home and building automation



Actuators

Switch actuators

	Operating voltage	Medium	Frequency	Installation width	Max. cable cross section	Type of contact	Inrush current	Resistive load	LED lamp > 2 W	Configuration type	Number of channels	Type	Item no.
	110 – 240 V AC	TP1-256	50 – 60 Hz	4 units	Solid: 0.5 mm ² to 6 mm ² strand with crimp terminal: 0.5 mm ² to 4 mm ²	No contact, 16 A (cos φ = 1), 3 A (cos φ = 0.6)	max. 800 A/200 µs	3680 W	600 W	MIX2 base module*	4	RMG 4 U KNX	4930223
	–		–							MIX2 extension module		RME 4 U KNX	4930228
	110 – 240 V AC		50 – 60 Hz							FIX1 module		RM 4 U KNX	4940223
	–		50 – 60 Hz	4 units		No contact, 16 A (cos φ = 1), 10 A (cos φ = 0.6)	max. 1500 A/200 µs	3680 W	850 W	MIX2 base module*	4	RMG 4 I KNX	4930210
	–			4 units						MIX2 extension module	4	RME 4 I KNX	4930215
	110 – 240 V AC			4 units						FIX1 module	4	RM 4 I KNX	4940210
	–			8 units						FIX2 module	8	RM 8 I KNX	4940215
	–			4 units						FIX1 module	4	RM 4 H KNX	4940212
	–			8 units						FIX2 module	8	RM 8 H KNX	4940217
	110 – 240 V AC		50 – 60 Hz	4 units		No contact, 25 A (cos φ = 1), 10 A (cos φ = 0.6)	max. 1200 A/200 µs	4800 W	850 W	FIX1 module	4	RM 4 H KNX	4940212
	–			8 units						FIX2 module	8	RM 8 H KNX	4940217
	110 – 240 V AC			4 units						MIX2 base module*	8	RMG 8 S KNX	4930220
	–			4 units						MIX2 extension module	8	RME 8 S KNX	4930225
	110 – 240 V AC			4 units						FIX1 module	8	RM 8 S KNX	4940220
	–			8 units						FIX2 module	16	RM 16 S KNX	4940225

* Up to 2 extension modules can be connected to one basic module.

Switch/blind actuators

	Operating voltage	Medium	Frequency	Installation width	Max. cable cross section	Type of contact	Inrush current	Resistive load	LED lamp > 2 W	Configuration type	Number of channels	Type	Item no.
	110 – 240 V AC	TP1-256	50 – 60 Hz	4 units	Solid: 0.5 mm ² to 6 mm ² Strand with crimp terminal: 0.5 mm ² to 4 mm ²	No contact, 16 A (cos φ = 1), 3 A (cos φ = 0.6)	max. 800 A/200 µs	3680 W	600 W	MIX2 base module* 8 x switching/4 x drives	8	RMG 8 T KNX	4930200
	–		–	4 units						MIX2 extension module 8 x 8 x switching/4 x drives	8	RME 8 T KNX	4930205
	110 – 240 V AC		50 – 60 Hz	4 units						FIX1 module 8 x switching/4 x drives	8	RM 8 T KNX	4940200
	110 – 240 V AC		50 – 60 Hz	8 units						FIX2 module 16 x switching/8 x drives	16	RM 16 T KNX	4940205

* Up to 2 extension modules can be connected to one basic module.

Blind actuators

	Operating voltage	Medium	Frequency	Installation width	Max. cable cross section	Type of contact	Configuration type	Number of channels	Type	Item no.
	110 – 240 V AC	TP1-256	50 – 60 Hz	4 units	Solid: 0.5 mm ² to 6 mm ² strand with crimp terminal: 0.5 mm ² to 4 mm ²	No contact, 6 A (cos φ = 1)	MIX2 base module*	4	JMG 4 T KNX	4930250
	–			4 units			MIX2 extension module	4	JME 4 T KNX	4930255
	110 – 240 V AC			4 units			FIX1 module	4	JM 4 T KNX	4940250
	–			8 units			FIX2 module	8	JM 8 T KNX	4940255
	110 – 240 V AC		50 – 60 Hz	4 units		Changeover contact, 6 A (cos φ = 1)	MIX2 base module*	4	JMG 4 T 24V KNX	4930260
	–			4 units			MIX2 extension module	4	JME 4 T 24V KNX	4930265
	110 – 240 V AC			4 units			FIX1 module	4	JM 4 T 24V KNX	4940260
	–			8 units			FIX2 module	8	JM 8 T 24V KNX	4940265

* Up to 2 extension modules can be connected to one basic module.

Dimming actuators

	Operating voltage	Medium	Frequency	Installation width	Max. cable cross section	Dimming output LED per channel	Dimming output LED in parallel operation	Configuration type	Number of channels	Type	Item no.
	230 V AC	TP1-256	50 Hz	4 units	Solid: 0.5 mm² to 6 mm² Strand with crimp terminal: 0.5 mm² to 4 mm²	Trailing edge (RC mode) 400 W	Trailing edge (RC mode) 800 W	MIX2 base module*	2	DMG 2 T KNX	4930270
				4 units				MIX2 extension module	2	DME 2 T KNX	4930275
				4 units				FIX1 module	2	DM 2 T KNX	4940270
				8 units				FIX2 module	4	DM 4 T KNX	4940275
	230 – 240 V AC		50 – 60 Hz	4 units		Trailing edge (RC mode) 200 W	Trailing edge (RC mode) 400 W	FIX1 module	4	DM 4-2 T KNX	4940280
				8 units				FIX2 module	8	DM 8-2 T KNX	4940285

* Up to 2 extension modules can be connected to one basic module.

Heating actuators

	Operating voltage	Medium	Frequency	Installation width	Max. cable cross section	Switch output pump	Number of actuators/channel	Configuration type	Number of channels	Type	Item no.
	110 – 240 V AC	TP1-256	50 – 60 Hz	4 units	Solid: 0.5 mm ² to 6 mm ² strand with crimp terminal: 0.5 mm ² to 4 mm ²	–	1 actuator 24 V AC or 5 actuators 230 V AC	MIX2 base module*	6	HMG 6 T KNX	4930240
	–		–	4 units				MIX2 extension module	6	HME 6 T KNX	4930245
	110 – 240 V AC		50 – 60 Hz	4 units				FIX1 module	6	HM 6 T KNX	4940240
	–		–	8 units				FIX2 module	12	HM 12 T KNX	4940245
	230 – 240 V AC		50 – 60 Hz	290 mm	0.2 mm ² to 1.5 mm ²	5 A, 240 V AC floating	2 actuators 24 V DC or 0 – 10 V DC	Heating actuator	6	HMT 6 S KNX	4900373
									12	HMT 12 S KNX	4900374

* Up to 2 extension modules can be connected to one basic module.

Flush-mounted actuators

	Operating voltage	Medium	Frequency	Installation width	Max. cable cross section	Type of contact	Inrush current	LED lamp > 2 W	Configuration type	Number of channels	Type	Item no.
	KNX bus voltage	TP1-256		44,5 x 44,6	Solid: 0.5 mm ² to 4 mm ² Strand with crimp terminal: 0.5 mm ² to 2.5 mm ²	16 A	max. 740 A/200 µs	600 W	Switch actuator	1	SU 1 KNX	4942520
						2 x 10 A		30 W	Bblind actuator	1	JU 1 KNX	4942550
						230 V AC 50 – 60 Hz		Trailing edge (RC mode) 250 W	Dimming actuator	1	DU 1 KNX	4942570
	110 – 240 V AC	RF1.R	50 – 60 Hz	46,6 x 44,8		10 A	max. 740 A/200 µs	600 W	Wireless switch actuator	1	SU 1 RF KNX	4941620
	110 – 240 V AC					5 A	–	–	Wireless blind actuator	1	JU 1 RF KNX	4941650
	230 V AC					–	–	Trailing edge (RC mode) 250 W	Wireless dimming actuator	1	DU 1 RF KNX	4941670
	KNX bus voltage	TP1-256 RF1.R		40 x 48					Media coupler		Media coupler TP-RF KNX	9070868

Weather stations

	Operating voltage	Medium	Frequency	Brightness measurement range	Temperature measurement range	Wind velocity measurement range	GPS module integrated	Detection	Type	Item no.
	15 – 34 V DC	TP1-256	–	1 – 100.0000 lx	– 30 °C...+60 °C	2 – 30 m/s	–	Wind, rain, brightness, temperature	Meteodata 140 S 24V KNX	1409201
	15 – 34 V DC		–				✓	Wind, rain, brightness, temperature, time	Meteodata 140 S 24V GPS KNX	1409204
	110 – 230 V AC		50 – 60 Hz				–	Wind, rain, brightness, temperature	Meteodata 140 S KNX	1409207
	110 – 230 V AC		50 – 60 Hz				✓	Wind, rain, brightness, temperature, time	Meteodata 140 S GPS KNX	1409208
	KNX bus voltage		–				–	Wind, brightness, temperature	Meteodata 140 basic KNX	1409205