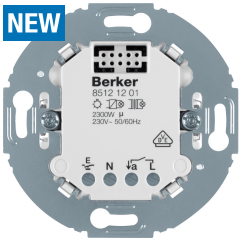


BERKER.NET - LIGHTING CONTROL

■ For Serie 1930, the conventional and KNX radio application modules by Berker.Net listed below can be combined exclusively with 1gang frames for Ø 58 mm centre plates, order no. 13820...

Inserts

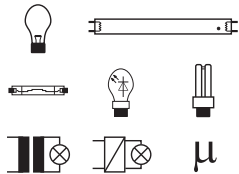
NEW



Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Minimum contact load	≈ 15 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
230 V incandescent lamps and halogen lamps	2300 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Fluorescent lamps:	
- uncompensated	1100 VA
- parallel compensated	1000 W
- in Duo circuit	1000 W
- with electronical ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Load cable length	max. 100 m
Cable length, extensions	max. 50 m
Screw terminals (max.)	2 x 1,5/1 x 2,5 mm²
Claw guidance installation depth	32 mm
Housing installation depth	22 mm

- low intrinsic energy requirement
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- also usable as push-button relay switch
- no conductive connection between supporting ring and spreading claws
- with screw terminals

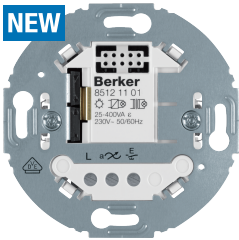


Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.
Neutral conductor necessary!



DESIGN	ORDER NO.	PU
Relay insert	★ 8512 12 01	1

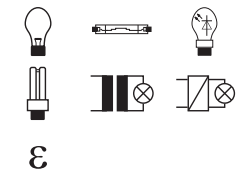
NEW



Switch insert 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Load cable length	max. 100 m
Cable length, extensions	max. 50 m
Screw terminals (max.)	2 x 1,5/1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting to dimmable loads (autoDetect process)
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

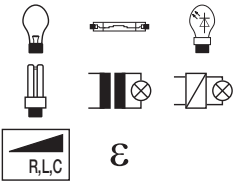
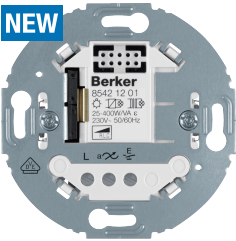


Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.
Do not connect inductive and capacitive loads jointly.
Only suitable for operation with dimmable loads!
Caution!
Only connect **dimmable** 230 V ESL or retrofit-LED lamps.



DESIGN	ORDER NO.	PU
Switch insert 1gang	★ 8512 11 01	1

NEW



Universal touch dimmer 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Load cable length	max. 100 m
Cable length, extensions	max. 50 m
Screw terminals (max.)	2 x 1,5/1 x 2,5 mm ²
Insertion depth	32 mm

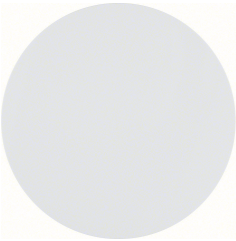
- low intrinsic energy requirement
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.
Do not connect inductive and capacitive loads jointly.



DESIGN	ORDER NO.	PU
Universal touch dimmer 1gang	★ 8542 12 01	1

Buttons for switches/dimmers



Button 1gang

Operating voltage	via insert
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept
- switch-on brightness level for use on dimmer insert, power failure proof, storable

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 1

DESIGN	ORDER NO.	PU
Berker Serie 1930/R.classic		
polar white glossy	8514 11 39	1
black glossy	8514 11 31	1



KNX radio buttons for switches/dimmers



KNX radio button 1gang quicklink

Number of radio channels	2
Radio protocol	KNX Radio
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Transmitter duty cycle	1 %
Receiver category	2
Operating temperature	-5 ... +45 °C

For manual actuation or remote control via KNX radio.

- low intrinsic energy requirement
- top and bottom operating area on 1gang switching/dimming inserts and network insert are freely configurable
- toolless quicklink configuration using buttons and LED display
- configurable transmission and/or reception behaviour
- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, forced control
- scene saving lockable
- operating areas configurable as one or two-area operation
- LED application module/insert compatibility display
- with configuration and function LEDs
- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
- with configuration and function button

SUITABLE FOR

Inserts

ORDER NO.

PAGE

page 1

DESIGN

Berker Serie 1930/R.classic



polar white glossy ¹⁾	8514 51 39	1
black glossy ¹⁾	8514 51 31	1

¹⁾ no dismantling protection possible



KNX radio button 4gang quicklink

Number of radio channels	4
Radio protocol	KNX Radio
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Transmitter duty cycle	1 %
Receiver category	2
Operating temperature	-5 ... +45 °C

For manual actuation or remote control via KNX radio.

Extended operating options on 1gang inserts through 2 additional, freely-configurable radio channels.

- low intrinsic energy requirement
- toolless quicklink configuration using buttons and LED display
- Functions for the push-button operation areas up/down, or left/right can be freely configured as receiver for controlling the connected load and as transmitter for remote control of a blind, for example
- configurable transmission and/or reception behaviour
- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, forced control
- scene saving lockable
- operating areas configurable as one or two-area operation
- LED application module/insert compatibility display
- with configuration and function LEDs
- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
- with configuration and function button

SUITABLE FOR

Inserts

ORDER NO.

PAGE

page 1

DESIGN

Berker Serie 1930/R.classic

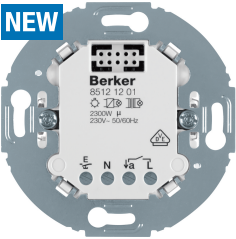


polar white glossy ¹⁾	8564 81 39	1
black glossy ¹⁾	8564 81 31	1

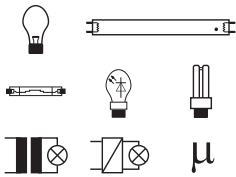
¹⁾ no dismantling protection possible

KNX radio time switches

NEW



Relay insert



Operating voltage	230 V~	■ low intrinsic energy requirement
Frequency	50/60 Hz	■ with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Minimum contact load	≈ 15 W	
230 V retrofit LED lamps	440 W	■ also usable as push-button relay switch
Dimmable energy-saving lamps	440 W	■ no conductive connection between supporting ring and spreading claws
230 V incandescent lamps and halogen lamps	2300 W	■ with screw terminals
Dimmable conventional transformers	1500 VA	
Electronic transformers and dual-mode transformers	1500 W	
Fluorescent lamps:		
- uncompensated	1100 VA	
- parallel compensated	1000 W	
- in Duo circuit	1000 W	
- with electronic ballast (EB)	1000 W	
Compact fluorescent lamps with electronic ballast	22 x 20 W	
Number of substations	unlimited	
Operating temperature	-5 ... +45 °C	
Load cable length	max. 100 m	
Cable length, extensions	max. 50 m	
Screw terminals (max.)	2 x 1,5/1 x 2,5 mm ²	
Claw guidance installation depth	32 mm	
Housing installation depth	22 mm	

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.
Neutral conductor necessary!



DESIGN	ORDER NO.	PU
Relay insert	★ 8512 12 01	1



KNX radio timer quicklink

- Display



Number of switching times for on/off	20
Power reserve	≈ 24 h
Astronomic time shift	± 2 h
Random number generator	± 15 min
Number of radio channels	1
Radio protocol	KNX Radio
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-5 ... +45 °C

Control using device buttons, radio transmitters and programmed switching times.

- low intrinsic energy requirement
- configurable transmission and/or reception behaviour
- with keylock
- party function, no execution of automatic, radio and extension unit commands (switch protection)
- reset function (to factory setting)
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, scene loading, time dimming value, push-button, status display
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- menu guidance available in German, English or French
- with automatic summer-/winter time switching (can be switched off)
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the switching times in automatic operation
- standalone programme, radio and extension unit commands are not executed
- with switchover manual/automatic mode
- 2 independent preset programme memories, individually adaptable

SUITABLE FOR	ORDER NO.	PAGE
Relay insert	8512 12 01	1
ORDER NO.		PU

DESIGN

Berker Serie 1930/R.classic

polar white glossy	8574 52 39	1
black glossy	8574 52 31	1

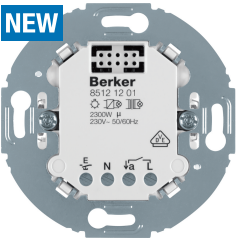


BERKER.NET - MOTION DETECTORS

■ For Serie 1930, the conventional and KNX radio application modules by Berker.Net listed below can be combined exclusively with 1gang frames for Ø 58 mm centre plates, order no. 13820...

Inserts

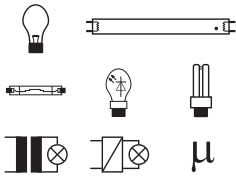
NEW



Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Minimum contact load	≈ 15 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
230 V incandescent lamps and halogen lamps	2300 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Fluorescent lamps:	
- uncompensated	1100 VA
- parallel compensated	1000 W
- in Duo circuit	1000 W
- with electronic ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Load cable length	max. 100 m
Cable length, extensions	max. 50 m
Screw terminals (max.)	2 x 1,5/1 x 2,5 mm ²
Claw guidance installation depth	32 mm
Housing installation depth	22 mm

- low intrinsic energy requirement
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- also usable as push-button relay switch
- no conductive connection between supporting ring and spreading claws
- with screw terminals

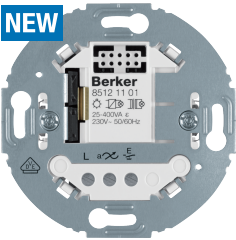


Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.
Neutral conductor necessary!



DESIGN	ORDER NO.	PU
Relay insert	★ 8512 12 01	1

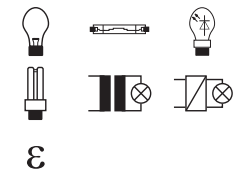
NEW



Switch insert 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Load cable length	max. 100 m
Cable length, extensions	max. 50 m
Screw terminals (max.)	2 x 1,5/1 x 2,5 mm ²
Insertion depth	32 mm

- low intrinsic energy requirement
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting to dimmable loads (autoDetect process)
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals



Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Do not connect inductive and capacitive loads jointly.

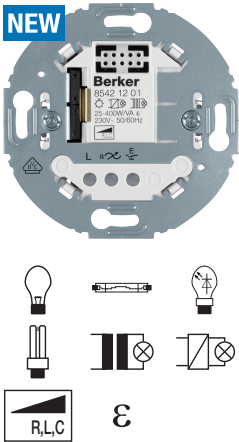
Only suitable for operation with dimmable loads!

Caution!

Only connect **dimmable** 230 V ESL or retrofit-LED lamps.



DESIGN	ORDER NO.	PU
Switch insert 1gang	★ 8512 11 01	1



Universal touch dimmer 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Operating temperature	-5 ... +45 °C
Load cable length	max. 100 m
Cable length, extensions	max. 50 m
Screw terminals (max.)	2 x 1,5/1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.
Do not connect inductive and capacitive loads jointly.



DESIGN	ORDER NO.	PU
Universal touch dimmer 1gang	★ 8542 12 01	1



Extension unit for motion detector

Operating voltage	230 V~
Frequency	50/60 Hz
Number of motion detector extension units	unlimited
Operating temperature	-5 ... +45 °C
Cable length, extensions	max. 50 m
Screw terminals (max.)	2 x 1,5/1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals



DESIGN	ORDER NO.	PU
Extension unit for motion detector	★ 8532 01 01	1

Motion detector covers



Motion detector 2.2 m

Nominal mounting height	2.2 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Detection field, rectangular shaped	≈ 8 x 12 m
Delay time	≈ 180 s
Range, frontal	≈ 8 m
Range, side	each ≈ 6 m
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- µ-processor controlled mode of operation
- with button for on/off/automatic



DESIGN	ORDER NO.	PAGE
Berker Serie 1930/R.classic		
polar white glossy	8534 21 39	1
black glossy	8534 21 31	1



Motion detector 1.1 m

Nominal mounting height	1.1 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Detection field, rectangular shaped	≈ 12 x 16 m
Delay time	≈ 180 s
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- µ-processor controlled mode of operation
- with button for on/off/automatic

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 6

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector.
Only suitable for indoor areas!

DESIGN	ORDER NO.	PU
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Berker Serie 1930/R.classic

polar white glossy	8534 11 39	1
black glossy	8534 11 31	1



IR motion detector comfort 2.2 m

Nominal mounting height	2.2 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Detection field, rectangular shaped	≈ 8 x 12 m
Delay time, adjustable	≈ 10 s ... 30 min
Range, frontal	≈ 8 m
Range, side	each ≈ 6 m
immunity time	≈ 10 s
Short time mode	200 ms
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- µ-processor controlled mode of operation
- step operation with immunity time (e.g. for stair light/impact current circuits)
- with button for on/off/automatic

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 6

DESIGN	ORDER NO.	PU
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Berker Serie 1930/R.classic

polar white glossy	8534 22 39	1
black glossy	8534 22 31	1



IR motion detector comfort 1.1 m

Nominal mounting height	1.1 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Detection field, rectangular shaped	≈ 12 x 16 m
Delay time, adjustable	≈ 10 s ... 30 min
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
immunity time	≈ 10 s
Short time mode	200 ms
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- µ-processor controlled mode of operation
- step operation with immunity time (e.g. for stair light/impact current circuits)
- with button for on/off/automatic

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 6

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector.
Only suitable for indoor areas!

DESIGN	ORDER NO.	PU
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Berker Serie 1930/R.classic

polar white glossy	8534 12 39	1
black glossy	8534 12 31	1



KNX radio motion detector application modules



KNX radio motion detector comfort 1.1 m
quicklink

Nominal mounting height	1.1 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Detection field, rectangular shaped	≈ 12 x 16 m
Delay time, adjustable	≈ 1 s ... 3 h
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
Number of radio channels	1
Radio protocol	KNX Radio
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Transmitter duty cycle	1 %
Receiver category	2
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- reset function (to factory setting)
- switch-off pre-warning on dimmer inserts
- quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button, Memory, forced control, Master-Slave
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, movement scene loading, no movement scene loading
- scene opening via KNX radio appliances
- scene saving lockable
- remote control via quicklink transmitter
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with configuration and function LEDs
- µ-processor controlled mode of operation
- with configuration and function button
- with button for on/off/automatic/memory/party function
- optional operation of extension units using installation push-button

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 6
ORDER NO.		PU

DESIGN
Berker Serie 1930/R.classic

polar white glossy ¹⁾	8534 51 39	1
black glossy ¹⁾	8534 51 31	1

¹⁾ no dismantling protection possible





KNX radio motion detector comfort 2.2 m quicklink

Nominal mounting height	2.2 m	■ low intrinsic energy requirement
Response sensitivity, settable	≈ 10 ... 100 %	■ with memory function for presence simulation
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	■ teach function for response brightness via button
Detection field, rectangular shaped	≈ 8 x 12 m	■ with keylock
Delay time, adjustable	≈ 1 s ... 3 h	■ party function for switching on for 2 hours
Range, frontal	≈ 8 m	■ reset function (to factory setting)
Range, frontal (at 1.1 m installation height)	≈ 4 m	■ switch-off pre-warning on dimmer inserts
Range, side	each ≈ 6 m	■ quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button, Memory, forced control, Master-Slave
Range, side (at 1.1 m installation height)	each ≈ 3 m	■ integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
Number of radio channels	1	■ ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, movement scene loading, no movement scene loading
Radio protocol	KNX Radio	■ scene opening via KNX radio appliances
Number of quicklink links	max. 20 transmitter/receiver	■ scene saving lockable
Radio transmission frequency	868.3 MHz	■ remote control via quicklink transmitter
Radio transmission power	< 10 mW	■ LED application module/insert compatibility display
Radio transmission range (free field)	max. 100 m	■ with operation and status LED, red/green/orange
Radio transmission range (building)	max. 30 m	■ with configuration and function LEDs
Transmitter duty cycle	1 %	■ µ-processor controlled mode of operation
Receiver category	2	■ with configuration and function button
Operating temperature	-5 ... +45 °C	■ with button for on/off/automatic/memory/party function
Assembling height	34 mm	■ optional operation of extension units using installation push-button

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 6
ORDER NO.		PU

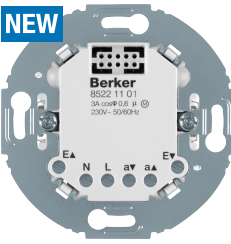
DESIGN
Berker Serie 1930/R.classic

polar white glossy ¹⁾	8534 61 39	1
black glossy ¹⁾	8534 61 31	1

¹⁾ no dismantling protection possible

BERKER.NET - BLIND CONTROL

- For Serie 1930, the conventional and KNX radio application modules by Berker.Net listed below can be combined exclusively with 1gang frames for Ø 58 mm centre plates, order no. 13820...



μ

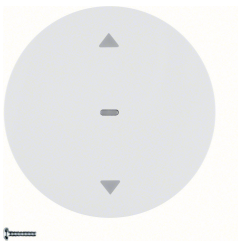
Blind insert comfort

Operating voltage	230 V~	■ low intrinsic energy requirement
Frequency	50/60 Hz	■ for single, group and master controls
Switching current at cos φ = 0.6	max. 3 A	■ with 230 V extension unit inputs for up and down
Switching current (ohmic/inductive)	max. 5 A	■ with 2 mechanically and electrically mutually-locked relay contacts
Number of substations	unlimited	■ no conductive connection between supporting ring and spreading claws
Change-over time for change of direction	< 0.6 s	■ circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
Operating temperature	-5 ... +45 °C	■ with screw terminals
Load cable length	max. 100 m	
Cable length, extensions	max. 50 m	
Screw terminals (max.)	2 x 1,5/1 x 2,5 mm ²	
Claw guidance installation depth	32 mm	
Housing installation depth	22 mm	



DESIGN	ORDER NO.	PU
Blind insert comfort	★ 8522 11 01	1

Blind covers



Blind button

Delay time, adjustable	0 s ... 500 s
Venetian blind movement time	2 min
Running time	max. 2 min
Minimum slat adjustment time	≈ 250 ms
Change-over time for change of direction	< 0.6 s
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- memory function for automatic execution of learned up and down times with position
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- LED application module/insert compatibility display
- with indicator LED for lock-out protection
- with status LED for memory and party function, red/orange
- with imprinted symbol arrows

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 01	10
ORDER NO.		PU

DESIGN

Berker Serie 1930/R.classic

polar white glossy ¹⁾	8524 11 39	1
black glossy ¹⁾	8524 11 31	1

¹⁾ no dismantling protection possible



Blind time switch

- Display

Number of operation times for up/down	20
Running time	2 min
Minimum slat adjustment time	≈ 250 ms
Power reserve	≈ 24 h
Change-over time for change of direction	< 0.6 s
Astronomic time shift	± 2 h
Random number generator	± 15 min
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- with automatic summer-/winter time switching (can be switched off)
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- 2 independent preset programme memories, individually adaptable

Control using device buttons and programmed switching times.

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 01	10
ORDER NO.		PU

DESIGN

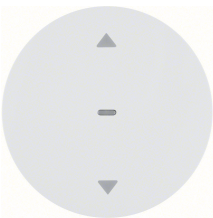
Berker Serie 1930/R.classic

polar white glossy ¹⁾	8574 11 39	1
black glossy ¹⁾	8574 11 31	1

¹⁾ no dismantling protection possible



KNX radio blind covers



KNX radio blind button quicklink

Venetian blind movement time	2 min
Lamella adjusting time	(adjustable) 0.05 ... 2.5 s
Minimum slat adjustment time	≈ 250 ms
Change-over time for change of direction	< 0.6 s
Number of radio channels	1
Radio protocol	KNX Radio
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-5 ... +45 °C

For manual actuation, automated memory execution or remote control via KNX radio.

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

- low intrinsic energy requirement
- toolless quicklink configuration using buttons and LED display
- memory function for automatic execution of learned up and down times with position
- configurable transmission and/or reception behaviour
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- quicklink functions: blind, 2 scenes, memory, forced control, up/down push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode, status display, 2 x alarm
- scene opening via KNX radio appliances
- slat position storable for scene
- sun protection and twilight-controlled lowering with radio brightness sensor
- LED application module/insert compatibility display
- with configuration and function LEDs
- with indicator LED for lock-out protection
- with status LED for memory and party function, red/orange
- with configuration and function button
- with imprinted symbol arrows

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 01	10
DESIGN	ORDER NO.	PU

Berker Serie 1930/R.classic

polar white glossy	8524 51 39	1
black glossy	8524 51 31	1





KNX radio blind time switch quicklink

- Display



Number of operation times for up/down	20/day
Running time	2 min
Minimum slat adjustment time	≈ 250 ms
Power reserve	≈ 24 h
Change-over time for change of direction	< 0.6 s
Astronomic time shift	± 2 h
Random number generator for holiday program	± 15 min
Number of radio channels	1
Radio protocol	KNX Radio
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-5 ... +45 °C

Control using device buttons, radio transmitters and programmed switching times.

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

- low intrinsic energy requirement
- configurable transmission and/or reception behaviour
- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- quicklink functions for integration into the individual, group and master control of blinds/shutters
- quicklink functions: blind, 2 scenes, forced control, up/down push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode, status display, 2 x alarm
- scene opening via KNX radio appliances
- slat position storable for scene
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- sun protection and twilight-controlled lowering with radio brightness sensor
- with automatic summer-/winter time switching (can be switched off)
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- standalone programme, radio and extension unit commands are not executed
- 2 independent preset programme memories, individually adaptable

DESIGN

Berker Serie 1930/R.classic

polar white glossy	8574 51 39	1
black glossy	8574 51 31	1

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 01	10
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