Serie 1930 / Glas / R.classic

Round switch programmes are among the classics of interior furnishing. Berker‘s round programmes, in turn, have permanently influenced switch design. And so the Berker Glass series today stands for switches that are the epitome of understated elegance. The origins of the Berker Serie 1930, in turn, can be traced back to the 1930s. We make the porcelain variant together with Rosenthal, Germany‘s most artistic porcelain brand.

Central inserts
Serie 1930 / Serie Glas / Serie Palazzo

Plastic, glossy
polar white similar to RAL 9010
black similar to RAL 8022

Metal toggle
brass, clear vanished
brass, chrome-plated

Serie R.classic

Plastic, glossy
polar white similar to RAL 9010
black similar to RAL 8022

All switches/push-buttons combinable with rotary toggle in polar white or black (incl. centre plate), chrome or brass

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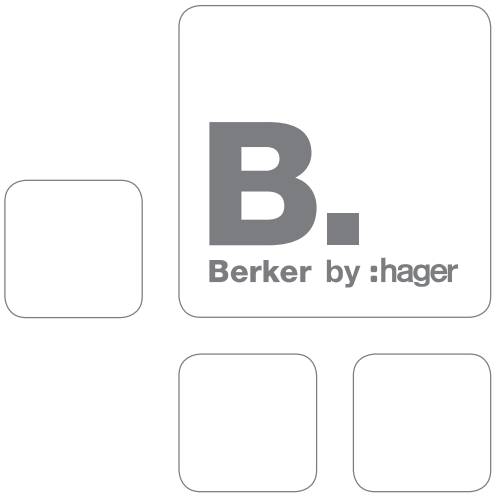


SCHUKO socket outlets

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

SCHUKO socket outlet

i 474

- installation position variable in 45° steps
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**4745 20**	10
black glossy	**4745 21**	10
Berker Serie R.classic		
polar white glossy	**4745 20 89**	10
black glossy	**4745 20 45**	10

SCHUKO socket outlet

i 474

- enhanced contact protection
- installation position variable in 45° steps
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**4755**	10
black glossy	**4755 01**	10
Berker Serie R.classic		
polar white glossy	**4755 20 89**	10
black glossy	**4755 20 45**	10

SCHUKO socket outlet

i 474

- installation position variable in 45° steps
- screw-in lift terminals
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**4145 20**	10
black glossy	**4145 21**	10
Berker Serie R.classic		
polar white glossy	**4145 20 89**	10
black glossy	**4145 20 45**	10

SCHUKO socket outlet with LED orientation light

474

- enhanced contact protection
- screw-in lift terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0.25 W/0.35 VA
Switch-off brightness	ca. 4 lx
Switch-on brightness	ca. 2 lx
Light intensity (white)	0.2 cd

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

- additional benefit by combination of a socket outlet with an orientation light
- long service life of the LED
- white LED light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- with screw-in lift terminals
- through-wiring possible, therefore also ideal for retrofitting

Design	Order no.	PU
Berker Serie 1930/R.classic		
polar white glossy	**4109 20 89**	10
black glossy	**4109 20 45**	10

SCHUKO socket outlets with hinged cover

SCHUKO socket outlet with hinged cover

474

- enhanced contact protection
- installation position variable in 45° steps

Rated voltage	250 V~
Rated current	16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

- with self-closing hinged covers
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Design	Order no.	PU
Berker Serie 1930/R.classic		
polar white glossy	**4744 20 89**	10
black glossy	**4744 20 45**	10

International socket outlet systems

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

Socket outlets with earthing pin

Socket outlet with earthing pin

474

- installation position variable in 45° steps
- enhanced contact protection

Rated voltage	250 V~
Rated current	16 A

- 2pole + earth
- with plug-in terminals

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**6768 79**	10
black glossy	**6768 79 01**	10
Berker Serie R.classic		
polar white glossy	**67 6879 20 89**	10
black glossy	**67 6879 20 45**	10

Socket outlet with earthing pin

i 474

- installation position variable in 45° steps
- enhanced contact protection
- screw-in lift terminals
- 2pole + earth
- with screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**6765 79**	10
black glossy	**6765 79 01**	10
Berker Serie R.classic		
polar white glossy	**67 6579 20 89**	10
black glossy	**67 6579 20 45**	10

Switches/Push-buttons

Rotary switches

Rotary switch

Rated voltage	250 V~
Switching current	10 AX

- with screw terminals

Switching sequence e.g. for clockwise series switch:
0 > 1 > 1+2 > 2 > 0

Design	Order no.	PU
Rotary switch, change-over	**3876 00**	1
Rotary switch, intermediate	**3877 00**	1
Rotary switch, series	**3875 00**	1

Rotary switch, 2pole off

Rated voltage	250 V~
Switching current	10 AX

- with screw terminals

Design	Order no.	PU
Rotary switch, 2pole off	**3893 00**	1

Spring-return push-buttons

Spring-return push-button, change-over contact

Rated voltage	250 V~
Momentary-contact current	10 A

- with screw terminals

Design	Order no.	PU
Spring-return push-button, change-over contact	**3846 00**	1

Group spring-return push-button 2pole, isolated input terminals

- 0 position

↑ 0 ↓

Rated voltage 250 V~
Momentary-contact current 10 A

Without centre plate also suitable for mounting with glass and decor cover plates.

- also suitable as series push-button for blinds
- with screw terminals

Design	Order no.	PU
Group spring-return push-button 2pole, isolated input terminals	**3838 00**	1

Centre plates for switches/push-buttons

Centre plate with toggle

- for rotary switches and spring-return push-buttons
- of plastic

Design	Order no.	PU
Berker Serie 1930		
polar white glossy	**1647**	1
black glossy	**1647 01**	1

Centre plate with toggle, porcelain

Centre plate of the Serie 1930 Porzellan Made by Rosenthal

- for rotary switches and spring-return push-buttons
- of porcelain

Design	Order no.	PU
Berker Serie 1930 Porzellan made by Rosenthal		
polar white glossy	**1647 69**	1
black glossy	**1647 65**	1

Cover plates for switches/push-buttons

Glass cover plate for rotary switch/spring-return push-button

ℹ 481

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Special variant for hollow-wall mounting available on request.

- toughened glass
- for single mounting
- with polar white plastic base

Suitable for optional	Order no.	Page
Spacer gland	1887	373

Design	Order no.	PU
Berker Serie Glas		
clear glossy	**1090**	10

Glass cover centre plate for rotary switch/ spring-return push-button

ℹ 481

Combinations are only to be installed in simple combi boxes.

Special variant for hollow-wall mounting available on request.

- toughened glass
- for combination mounting
- with polar white plastic base

Design	Order no.	PU
Berker Serie Glas		
clear glossy	**1095**	10

Glass cover end plate for rotary switch/spring-return push-button

i 481

Combinations are only to be installed in simple combi boxes.

Special variant for hollow-wall mounting available on request.

- toughened glass
- for combination mounting
- with polar white plastic base

Design	Order no.	PU
Berker Serie Glas		
clear glossy	**1094**	10

Chrome toggle

- for rotary switch/rotary push-button with toggle

Suitable for	Order no.	Page
Rotary switches		page 352
Spring-return push-buttons		page 352

Design	Order no.	PU
Berker Serie Glas		
Brass, chrome-plated	**1812 01**	1

Brass toggle

- for rotary switch/rotary push-button with toggle

Suitable for	Order no.	Page
Rotary switches		page 352
Spring-return push-buttons		page 352

Design	Order no.	PU
Berker Serie Glas		
Brass, clear varnished	**1812**	1

Cover plate with toggle for rotary switch/ spring-return push-button

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!
The cover plates may only be mounted without frames.

- plastic

Suitable for optional	Order no.	Page
Spacer gland	1887	373

Design	Order no.	PU
Berker Serie R.classic		
polar white glossy	**1001 20 89**	1
black glossy	**1001 20 45**	1

Cover plate with toggle for rotary switch/ spring-return push-button

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!
The cover plates may only be mounted without frames.

Suitable for optional	Order no.	Page
Spacer gland	1887	373

Design	Order no.	PU
Berker Serie R.classic		
Aluminium/polar white, luminium anodised	**1001 20 74**	1
Aluminium/black, aluminium anodised	**1001 20 84**	1

Cover plate with toggle for rotary switch/ spring-return push-button

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!
The cover plates may only be mounted without frames.

Suitable for optional	Order no.	Page
Spacer gland	1887	373

Design	Order no.	PU
Berker Serie R.classic		
Stainless steel/polar white, metal matt finish	**1001 20 14**	1
Stainless steel/black, metal matt finish	**1001 20 04**	1

Cover plate with toggle for rotary switch/ spring-return push-button

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!
The cover plates may only be mounted without frames.

Suitable for optional	Order no.	Page
Spacer gland	1887	373

Design	Order no.	PU
Berker Serie R.classic		
Glass polar white	**1001 20 83**	1
Glass black	**1001 20 55**	1

Rotary dimmers

Universal rotary dimmer with centre plate (R, L, C)

ℹ 456

- soft locking

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Axis dimension Ø	4 mm

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

- with input for extension units insert for universal rotary dimmer
- voltage test possible without dismantling
- phase cut-on or cut-off according to load type, self-learning
- with brightness memory
- bulb-preserving soft startup
- with incremental encoder
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with plug-in terminals

Suitable for optional	Order no.	Page
Mains decoupler RMD	187 00	59
Mains decoupler comfort RMD	1 8799 01	58

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**2834 10**	1
black glossy	**2834 11**	1
Berker Serie R.classic		
polar white glossy	**2834 20 89**	1
black glossy	**2834 20 45**	1

Extension units insert for universal rotary dimmer

ℹ 456

- soft locking

Operating voltage	230 V~
Frequency	50/60 Hz
Number of substations	max. 5
Axis dimension Ø	4 mm

- as extension unit for universal rotary dimmer
- voltage test possible without dismantling
- with incremental encoder
- centre plate and setting knob
- with plug-in terminals

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**2835 10**	1
black glossy	**2835 11**	1
Berker Serie R.classic		
polar white glossy	**2835 20 89**	1
black glossy	**2835 20 45**	1

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

i 468

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
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
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm²
Operating temperature	-5 ... +45 °C
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

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

Suitable for	Order no.	Page
Making current limiter	185	59

Neutral conductor necessary!

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

Design	Order no.	PU
Relay insert	* **8512 12 01**	1

New

Switch insert 1gang

i 468

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
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

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

Only suitable for operation with dimmable loads!

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

Do not connect inductive and capacitive loads jointly.

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

Design	Order no.	PU
Switch insert 1gang	* **8512 11 01**	1

New

Universal touch dimmer 1gang

468

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
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm
Power consumption (standby)	< 0.3 W

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

Do not connect inductive and capacitive loads jointly.

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

Design	Order no.	PU
Universal touch dimmer 1gang	* **8542 12 01**	1

Buttons for switches/dimmers

Button 1gang

468

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 356
optional		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
Berker Serie 1930/R.classic		
polar white glossy	**8514 11 39**	1
black glossy	**8514 11 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

i 468

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
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
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm²
Operating temperature	-5 ... +45 °C
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

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

Suitable for	Order no.	Page
Making current limiter	185	59

Neutral conductor necessary!

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

Design	Order no.	PU
Relay insert	* **8512 12 01**	1

New

Switch insert 1gang

i 468

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
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

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

Only suitable for operation with dimmable loads!

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

Do not connect inductive and capacitive loads jointly.

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

Design	Order no.	PU
Switch insert 1gang	* **8512 11 01**	1

New

Universal touch dimmer 1gang

i 468

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
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm
Power consumption (standby)	< 0.3 W

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

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

Design	Order no.	PU
Universal touch dimmer 1gang	* **8542 12 01**	1

New

Extension unit for motion detector

i 468

Operating voltage	230 V~
Frequency	50/60 Hz
Cable length, extensions	max. 50 m
Number of motion detector extension units	unlimited
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

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

Design	Order no.	PU
Extension unit for motion detector	* **8532 01 01**	1

Motion detector covers

Motion detector 2.2 m

i 468

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

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

Suitable for	Order no.	Page
Inserts		page 358
optional		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
Berker Serie 1930/R.classic		
polar white glossy	**8534 21 39**	1
black glossy	**8534 21 31**	1

Motion detector 1.1 m

i 468

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

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

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

Suitable for	Order no.	Page
Inserts		page 358
optional		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
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

i 468

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

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

Suitable for	Order no.	Page
Inserts		page 358
optional		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
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

i 468

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

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

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

Suitable for	Order no.	Page
Inserts		page 358
optional		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
Berker Serie 1930/R.classic		
polar white glossy	**8534 12 39**	1
black glossy	**8534 12 31**	1

Blind switches/push-buttons

Rotary switches for blinds

Rotary switch for blinds 1pole with centre plate i 460

- rotary knobs

– with push lock function
– with neutral-position
– with screw terminals

Rated voltage	250 V~
Switching current	10 A

Follow the motor manufacturers' instructions.

Suitable for optional	Order no.	Page
Interlock disk for rotary switch for blinds		page 361

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**3811**	1
black glossy	**3811 01**	1
Berker Serie R.classic		
polar white glossy	**3811 20 89**	1
black glossy	**3811 20 45**	1

Rotary switch for blinds 2pole with centre plate i 460

- rotary knobs

– with push lock function
– with neutral-position
– with screw terminals

Rated voltage	250 V~
Switching current	10 A

Follow the motor manufacturers' instructions.

Suitable for optional	Order no.	Page
Interlock disk for rotary switch for blinds		page 361

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**3812**	1
black glossy	**3812 01**	1
Berker Serie R.classic		
polar white glossy	**3812 20 89**	1
black glossy	**3812 20 45**	1

Interlock disk for rotary switch for blinds

– for conversion to rotary push-button for blinds

Suitable for	Order no.	Page
Rotary switch for blinds 2pole with centre plate	3812 ..	361
Rotary switch for blinds 1pole with centre plate	3811 ..	361

Design	Order no.	PU
Berker Serie 1930/Glas		
Interlock disk for rotary switch for blinds	**1861**	10
Berker R.1/R.3/Serie R.classic		
Interlock disk for rotary switch for blinds	**1861 01**	10

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...

New

Blind insert comfort

i 468

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current (ohmic/inductive)	max. 5 A
Switching current at cos φ = 0.6	max. 3 A
Change-over time for change of direction	< 0.6 s
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm²
Operating temperature	-5 ... +45 °C
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

- low intrinsic energy requirement
- for single, group and master controls
- with 230 V extension unit inputs for up and down
- no conductive connection between supporting ring and spreading claws
- with 2 mechanically and electrically mutually-locked relay contacts
- circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
- with screw terminals

Suitable for	Order no.	Page
optional		
Interface surface-mounted for wind sensor	173 ..	93
Precipitation sensor	183 01 ..	93

Design	Order no.	PU
Blind insert comfort	* **8522 11 01**	1

Blind covers

Blind button

i 468

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

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

- low intrinsic energy requirement
- LED application module/insert compatibility display
- with indicator LED for lock-out protection
- with status LED for memory and party function, red/orange
- 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)
- with imprinted symbol arrows

Suitable for	Order no.	Page
Blind insert comfort	8522 11 01	362
optional		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
Berker Serie 1930/R.classic		
polar white glossy	**8524 11 39**	1
black glossy	**8524 11 31**	1

Blind time switch

468

- display

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

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

Control using device buttons and programmed switching times.

- low intrinsic energy requirement
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- 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
- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- with automatic summer-/winter time switching (can be switched off)

Suitable for	Order no.	Page
Blind insert comfort	8522 11 01	362
optional		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
Berker Serie 1930/R.classic		
polar white glossy	**8574 11 39**	1
black glossy	**8574 11 31**	1

Communication/multimedia technology

FCC socket outlets

FCC socket outlet, 8 (4)-pole, cat.3

462

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

Cat.3 according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7
Cat.3 according to DIN EN 50173

UAE

Design	Order no.	PU
white	**4568**	10

FCC socket outlet, 8-pole, cat.3

462

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

Cat.3 according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7
Cat.3 according to DIN EN 50173

UAE

Design	Order no.	PU
white	**4538**	10

New

FCC socket outlet 8/8pole shielded, cat.6/class E

462

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 250 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and strain relief
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

Design to according to DIN EN 60603-7-4
Colour code A and B according to TIA/EIA-568-B.2
Cat.6/class E according to ISO/IEC 11801, 2nd edition
Cat.6/Class E according to DIN EN 50173-1:2011-09

UAE

Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6/class E	* **4554 01**	10

FCC socket outlet 8pole shielded, cat.6A iso

462

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 500 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

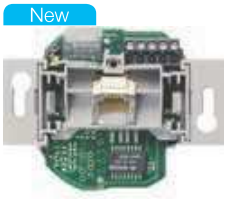
- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and strain relief
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

Cat.6_A iso\class E_A according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, Class B
Design to according to DIN EN 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2

UAE

Design	Order no.	PU
FCC socket outlet 8pole shielded, cat.6A iso	**4586**	10

New



WLAN Access-Point UP

Rated voltage	230 V~
Frequency	50/60 Hz
Power consumption (operation)	max. 3 W
Transmission rate WLAN	max. 150 Mbit/s
Transmission rate Ethernet	max. 10/100 Mbit/s
Frequency band	2.4 GHz
Operating temperature	-5 ... +45 °C
Insertion depth	≈ 40 mm

WLAN Standards IEEE 802.11 b/g/n

- Operating modes in WLAN: Access-Point, Repeater/Bridge, Client (WDS), Client (relayed)
- Ciphering method: WEP, WPA, WPA2
- WLAN range can be configured for adaptation to spatial conditions
- Configuration of the integrated web server via web browser
- with integral WLAN antenna
- with RJ45 jack on front
- LAN connection via 5pole screw terminal block
- with 2pole plug-in terminal for mains voltage

Design	Order no.	PU
WLAN Access-Point UP	* **4582**	1

New

WLAN Access-Point flush-mounted, PoE

Power over Ethernet (PoE)	48 V= (Klasse 0)
Power output PoE	max. 6.49 W
Power consumption PoE	max. 3 W
Transmission rate WLAN	max. 150 Mbit/s
Transmission rate Ethernet	max. 10/100 Mbit/s
Frequency band	2.4 GHz
Operating temperature	-5 ... +45 °C
Insertion depth	≈ 40 mm

WLAN Standards IEEE 802.11 b/g/n

- Operating modes in WLAN: Access-Point, Repeater/Bridge, Client (WDS), Client (relayed)
- Ciphering method: WEP, WPA, WPA2
- WLAN range can be configured for adaptation to spatial conditions
- Configuration of the integrated web server via web browser
- with integral WLAN antenna
- Power supply (PoE, class2) of further network devices possible via RJ45 jack on front
- LAN connection/PoE power supply via 9pole screw terminal block

Manufacturer product line **Art. No.**
Reset magnet
Rutenbeck

Design		Order no.	PU
WLAN Access-Point flush-mounted, PoE	*	**4583**	1

Centre plate for FCC socket outlet

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- for WLAN access-points
- with 45° oblique outlet

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**1407**	10
black glossy	**1407 01**	10
Berker Serie R.classic		
polar white glossy	**1407 20 89**	10
black glossy	**1407 20 45**	10

FCC socket outlet, 2 x 8 (4)-pole, cat.3

ℹ 462

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

Cat.3 according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7
Cat.3 according to DIN EN 50173

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- with 45° oblique outlet
- with screw terminals

UAE

Design	Order no.	PU
white	**4562**	10

FCC connection socket outlet 2x8(4)pole, cat.3

ℹ 462

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Resistor	100 Ω
Conductor Ø	max. 1 mm
Insertion depth	22 mm

Cat.3 according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7
Cat.3 according to DIN EN 50173

- as socket outlet for ISDN-So-Bus installations
- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- for telephone installations as single box
- with 45° oblique outlet
- with screw terminals

UAE

Design		Order no.	PU
white	#	**4592**	10

FCC socket outlet, 8 /8-pole, cat.3

462

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

Cat.3 according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7
Cat.3 according to DIN EN 50173

UAE

Design	Order no.	PU
white	**4539**	10

New

FCC socket outlet 8/8pole shielded, cat.6/class E

462

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 250 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and strain relief
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

Design to according to DIN EN 60603-7-4
Colour code A and B according to TIA/EIA-568-B.2
Cat.6/class E according to ISO/IEC 11801, 2nd edition
Cat.6/Class E according to DIN EN 50173-1:2011-09

UAE

Design		Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6/class E	*	**4555 01**	10

FCC socket outlet 8/8pole shielded, cat.6 iso

462

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and strain relief
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

Cat.6_A iso\class E_A according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, Class B
Design to according to DIN EN 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2

UAE

Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6 iso	**4587**	10

Centre plate for FCC socket outlet 2gang

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- with 45° oblique outlet

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**1409**	10
black glossy	**1409 01**	10
Berker Serie R.classic		
polar white glossy	**1409 20 89**	10
black glossy	**1409 20 45**	10

Modular FCC socket outlet 8/8pole shielded, cat.6 iso

462

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	< 20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 500 MHz
Operating temperature	-40 ... +70 °C
Insertion depth	35 mm
Copper conductor (solid) Ø	0.51 ... 0.64 (AWG 24-22) mm
Copper conductor (flex.) Ø	0.4 ... 0.53 (AWG 26) mm

- external eyelets on the supporting ring can be broken off for round designs
- die-cast zinc housing
- only suitable for RJ45 plugs
- with screen contacting 360° and strain relief
- with straight outlet
- without spreader claws
- suitable for PoE+
- with IDC terminals
- with optional dust protection hinged covers

Cat.6$_A$ iso\class E$_A$ according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, Class B
Design to according to DIN EN 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2
Cat.6$_A$ iso\class E$_A$ according to DIN EN 50173-1:2011-09

UAE

Design	Order no.	PU
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	**4588**	1

Modular FCC socket outlet 8/8pole, cat.6A

462

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	< 200 mΩ
Transmission bandwidth	max. 500 MHz
Operating temperature	-40 ... +70 °C
Insertion depth	35 mm
Copper conductor (solid) Ø	0.51 ... 0.64 mm
Copper conductor (flexible) Ø	0.4 ... 0.53 mm

- housing made of ABS
- only suitable for RJ45 plugs
- with straight outlet
- without spreader claws
- suitable for PoE+
- with IDC terminals
- with optional dust protection hinged covers

Colour code A and B according to TIA/EIA-568-B.2

Design	Order no.	PU
Modular FCC socket outlet 8/8pole, cat.6A	**4584**	1

Centre plate with TAE cut-out

- push-out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- also for TDO socket outlet
- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
Loudspeaker connection box	4572 ..	121
Stereo loudspeaker connection box	4573 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy, with 2 knock out openings	**1040**	10
black glossy, with 2 knock out openings	**1040 01**	10

Centre plate with TAE cut-out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
Loudspeaker connection box	4572 ..	121
Stereo loudspeaker connection box	4573 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103
230 V USB charging socket	2600 20 ..	371

Design	Order no.	PU
Berker Serie R.classic		
polar white glossy	**1038 20 89**	10
black glossy	**1038 20 45**	10

Aerial sockets

New

Aerial socket 2hole single box

463

Broadband technology	5 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Operating temperature	-25 ... +55 °C

EN 50083-2 and EN 60728-4
Protective screen according to EN 50083-2, Class A

- suitable for HDTV
- in star structure or decoupled spur lines
- direct voltage conducting (IN / IEC jack female)
- for digital and analogue transmission
- for terrestrial reception
- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- external eyelets on the supporting ring can be broken off for round designs
- with plug-in terminals

TV

Design	Order no.	PU
Aerial socket 2hole single box	* **4502 10**	10

New

Aerial socket 2hole throughpass socket

463

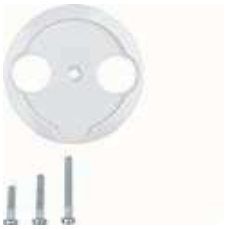
Broadband technology	5 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Operating temperature	-25 ... +55 °C
- at 5 ... 862 MHz	4 dB
- at 950 ... 2150 MHz	4 dB
- at 2150 ... 2400 MHz	7 dB

EN 50083-2 and EN 60728-4
Protective screen according to EN 50083-2, Class A

- suitable for HDTV
- in tree structure and trunk lines
- for digital and analogue transmission
- for terrestrial reception
- for community, DVB-T and broadband cable systems
- for SAT house distributors
- external eyelets on the supporting ring can be broken off for round designs
- with plug-in terminals

Suitable for	Order no.	Page
Terminating resistor	4503	113

Design	Order no.	PU
10 dB	* **4515 10**	10
15 dB	* **4515 15**	10
20 dB	* **4515 20**	10



Centre plate for aerial socket 2hole

For aerial socket according to DIN 45330

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**1039 20**	10
black glossy	**1039 21**	10

New

Aerial socket 3hole single box

463

Broadband technology	5 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Operating temperature	-25 ... +55 °C

EN 50083-2 and EN 60728-4
Protective screen according to EN 50083-2, Class A

- suitable for HDTV
- in star structure or decoupled spur lines
- DC voltage conducting
- for digital and analogue transmission
- for terrestrial reception
- remote supply via F-socket
- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- external eyelets on the supporting ring can be broken off for round designs
- with plug-in terminals

Design	Order no.	PU
Aerial socket 3hole single box	* **4522 10**	10

Terminating resistor 463

Broadband technology	0.15 ... 2400 MHz	– DC voltage conducting
For coaxial cables	75 Ω	– for use in last through-box
Resistor	75 Ω	– for non-reflective termination of a trunk cable

Design	Order no.	PU
Terminating resistor	**4503**	1

Centre plate for aerial socket 3hole

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**1064 20**	10
black glossy	**1064 21**	10

Centre plate for aerial socket 2-/3hole

For aerial socket according to DIN 45330

– with knock out SAT input

Design	Order no.	PU
Berker Serie R.classic		
polar white glossy	**1203 20 89**	10
black glossy	**1203 20 45**	10

New

Aerial socket 4hole single box 463

Broadband technology	5 ... 2400 MHz	– suitable for HDTV
Wave impedence	75 Ω	– in star structure or decoupled spur lines
For coaxial cables	75 Ω	– DC voltage conducting
Operating temperature	-25 ... +55 °C	– with 2 independent SAT outputs (F-sleeves) and 2 IEC outputs (male/female)
EN 50083-2 and EN 60728-4		– for digital and analogue transmission
Protective screen (SAT) according to EN 50083-2, Class A		– for terrestrial reception
Protective screen (VHF/UHF) according to EN 50083-2, Class B		– also to add SAT programmes in broadband cable systems
		– remote supply via F-sockets
		– for community and broadband cable systems
		– for multi-switch systems
		– for single and distributor SAT systems
		– for simultaneous connection of radio and TV receiver as well as 2 independent SAT receivers
		– with screw terminals

Design	Order no.	PU
Aerial socket 4hole single box	* **4594 10**	10

Centre plate for aerial socket 4hole (Ankaro)

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

– with 2 additional SAT outputs (F-sockets)

Design	Order no.	PU
Berker Serie 1930/R.classic		
polar white glossy	**1484 20 89**	10
black glossy	**1484 20 45**	10

Audio socket outlets

Loudspeaker connection box

i 467

Rated voltage 60 V=
Conductor cross-section max. 10 mm²

- with plug-in terminals (on backside with screw terminals)

Design	Order no.	PU
polar white matt	**4572 09**	10
anthracite matt	**4572 05**	10

Stereo loudspeaker connection box

i 467

Rated voltage 60 V=
Conductor cross-section max. 10 mm²

- with plug-in terminals (on backside with screw terminals)

Design	Order no.	PU
polar white matt	**4573 09**	10
anthracite matt	**4573 05**	10

Centre plate with TAE cut-out

- push-out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- also for KNX applications: USB data interface, flush-mounted
- also for TDO socket outlet

Suitable for	Order no.	Page
Loudspeaker connection box	4572 0 ..	121
Stereo loudspeaker connection box	4573 0 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy, with 2 knock out openings	**1040**	10
black glossy, with 2 knock out openings	**1040 01**	10

Centre plate with TAE cut-out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
Loudspeaker connection box	4572 ..	121
Stereo loudspeaker connection box	4573 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103
230 V USB charging socket	2600 20 ..	371

Design	Order no.	PU
Berker Serie R.classic		
polar white glossy	**1038 20 89**	10
black glossy	**1038 20 45**	10

USB Charging socket outlets

– 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...

230 V USB charging socket

- screw terminals

Input voltage	100 ... 240 V~
Frequency	50/60 Hz
Output voltage	5 V= (± 5 %)
Output current per socket	max. 1 A
Output current when operating both sockets	max. 1.4 A
Conductor cross-section (rigid)	max. 2.5 mm²
Insertion depth	32 mm

– for charging mobile end devices like tablets, smart phones, navigation devices and digital cameras via USB cable
– with centre plate Ø 58 mm
– with 2 USB sockets type A
– short-circuit and overload proof (electronic fuse)
– with screw terminals (double for wiring through)

Suitable for	Order no.	Page
optional		
Frame, 1gang, for centre plate Ø 58 mm		page 377
replacement		
Centre plate with TAE cut-out		page 370

No data transmission possible!
USB connections according to DIN EN 50558

Design	Order no.	PU
Berker Serie 1930/R.classic		
polar white glossy	**2600 20 89**	1
black glossy	**2600 20 45**	1

Pilot lamps

Push-button/pilot lamp E10, NO contact, with centre plate

ℹ 452

Rated voltage	250 V~
Momentary-contact current	2 A
Incandescent lamp power	max. 2 W

– for illumination and monitoring circuit
– with screw terminals

Suitable for	Order no.	Page
Neon lamp E10	1601	53
LED lamp E10	1678 ..	53

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**5104**	1
black glossy	**5104 01**	1

Knob for push-button/pilot lamp E10

Suitable for	Order no.	Page
Push-button/pilot lamp E10, NO contact, with centre plate	5104 ..	371

Design	Order no.	PU
polar white glossy	**1225**	10
black glossy	**1225 01**	10
polar white glossy [1]	**1226**	10
polar white glossy [2]	**1227**	10
red, transparent	**1229**	10
clear, transparent	**1229 02**	10

[1] with imprinted symbol for light
[2] with imprinted symbol for bell

Cover for push-button/pilot lamp E10

Suitable for	Order no.	Page
Push-button/pilot lamp E10, NO contact, with centre plate	5104 ..	371

Design	Order no.	PU
clear, transparent	**1221**	10
red, transparent	**1222**	10

Hotel applications

- 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...

New

Relay switch with centre plate for hotel card

458

Rated voltage	230 V~ +10/-15 %
Frequency	50/60 Hz
Power consumption	< 0.2 W
230 V incandescent lamps and halogen lamps	1500 W
Electronic transformers	1500 W
Operating temperature	-5 ... +50 °C
Insertion depth	32 mm
Switching current	10 A /230 V AC1
Inductive load at cos φ = 0.6	max. 6 A
Screw terminals (max.)	2 x 2.5 mm²
- in Duo circuit	1500 W
Fluorescent lamps:	
Card thickness	0.8 ... 1.2 mm
Card width	max. 55 mm
Conventional transformers	1500 VA
Compact fluorescent lamps	500 W

Neutral conductor necessary!

- for illumination
- illuminated with blue LED if hotel card is not inserted
- with centre plate Ø 58 mm
- with screw-in lift terminals
- with potentiometer for incremental adjustment of delay time
- with potential-free contact

Suitable for optional	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
Berker Serie 1930/R.classic		
black glossy	* **1640 20 79**	1
polar white glossy	* **1640 20 35**	1

Supplementary products

Blind plates

Blind plug with centre plate

- with supporting ring
- centre plate for plug-in fixing
- without spreader claws

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**1009 20**	20
black glossy	**1009 21**	20
Berker Serie R.classic		
polar white glossy	**1009 20 79**	20
black glossy	**1009 20 35**	20

Blind plug with centre plate, base and spreader claws

- with supporting plate
- centre plate for plug-in fixing
- with spreader claws

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**6710 09 20**	10
black glossy	**6710 09 21**	10

Cable outlet

Cable outlet with low installation depth

- space-saving for relays, etc.
- for lines dia. max. 9 mm
- with strain relief
- without terminal block

Suitable for	Order no.	Page
Centre plate for cable outlet	1019 20 ..	117

Design	Order no.	PU
Cable outlet with low installation depth	**4468**	10

Centre plate for cable outlet

Suitable for	Order no.	Page
Cable outlet with low installation depth		page 373

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	**1037**	10
black glossy	**1037 01**	10
Berker Serie R.classic		
polar white glossy	**1019 20 89**	10
black glossy	**1019 20 45**	10

Mounting accessories

Spacer gland

Matches all boxes with SnapTunnel spouts of make Kaiser for combinations with:
- Full glass cover plates/glass frames of Serie Glas
- Frames 1gang of SERIE 1930
- Full cover plates with toggle of Serie R.classic.

- for the new flush-mounted box generation from Kaiser

Suitable for	Order no.	Page
Cover plate with toggle for rotary switch/ spring-return push-button	1001 20 ..	354
Glass cover plate for rotary switch/spring-return push-button	1090	353
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	377
Glass frame 1gang	1091	382
Frame 1gang	1381 0 ..	376
Frame 1gang	1381 6 ..	376

Design	Order no.	PU
Berker Serie 1930/Glas/R.classic		
red	**1887**	100

Serie 1930

Berker and Bauhaus are not only the same age (both were founded in 1919), but they also share the same passion for pure shapes and functionality. Even today, clients and planners love both qualities. And, because of this, the unique, Bauhaus-inspired Berker Serie 1930 can be found not only in timeless, classic buildings, but also in trendy properties, such as the "Casa Camper" in Berlin.

- Available surfaces: glossy in polar white, black

Frames / Cover plates

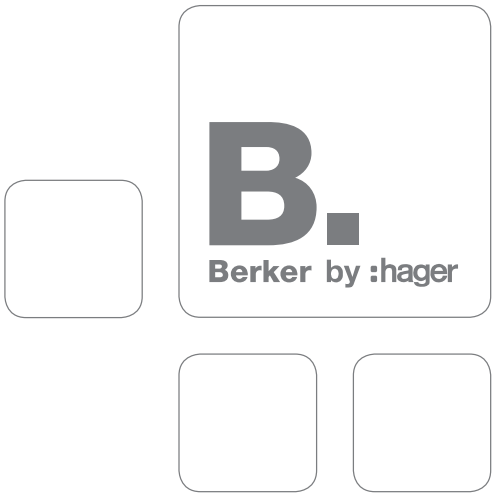
Plastic, glossy
polar white similar to RAL 9010
black similar to RAL 8022

Porcelain, glossy
polar white similar to RAL 9010
black similar to RAL 8022

Central inserts

Plastic, glossy
Polar white similar to RAL 9010
Black similar to RAL 8022

Porcelain frames	376
Frames	376
Surface-mounted frames	377
Supplementary products	377



Porcellain frames

Frame 1gang

i 481

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

For integration of additional functions (e.g. socket outlet, rotary dimmer), the porcelain frame can be combined with all Serie 1930 centre inserts made of plastic.

- for single mounting
- of porcelain

Suitable for optional	Order no.	Page
Spacer gland	1887	373

Design	Order no.	PU
Porcelain, polar white glossy	**1381 69**	1
Porcelain, black glossy	**1381 65**	1

Frames

- Due to the diameter of the cover frame, the universal flush-mounted boxes must be placed precisely.

Frame 1gang

i 481

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- for single mounting

Suitable for optional	Order no.	Page
Spacer gland	1887	373

Design	Order no.	PU
polar white glossy	**1381 09**	10
black glossy, 1gang	**1381 01**	10

Centre frame

i 481

Combinations are only to be installed in simple combi boxes.

- for combination mounting

Design	Order no.	PU
polar white glossy	**1381 59**	10
black glossy	**1381 51**	10

End frame

i 481

Combinations are only to be installed in simple combi boxes.

- for combination mounting

Design	Order no.	PU
polar white glossy	**1381 49**	10
black glossy	**1381 41**	10

Frame 2gang

i 481

- for vertical and horizontal mounting

Design	Order no.	PU
polar white glossy	**1381 29**	2
black glossy	**1381 21**	2

Frame 3gang

i 481

- for vertical and horizontal mounting

Design	Order no.	PU
polar white glossy	**1381 39**	2
black glossy	**1381 31**	2

New

Frame, 1gang, for centre plate Ø 58 mm

- for vertical and horizontal mounting
- for centre plate with Ø 58 mm cut-out

Suitable for	Order no.	Page
Berker.Net - Lighting control		page 356
Berker.Net - Motion detectors		page 358
Berker.Net - Blind control		page 362
Hotel applications		page 372
USB Charging socket outlets		page 371
		page
optional		
Spacer gland	1887	373

Design	Order no.	PU
polar white glossy, 1gang	* **1382 09**	10
black glossy, 1gang	* **1382 01**	10

Surface-mounted frames

Frame 1gang surface-mounted

Insertion depth 33.5 mm

- with cable and duct entry

Suitable for	Order no.	Page
optional		
Supplementary products		page 377

Design	Order no.	PU
polar white glossy	**1001 09**	10
black glossy	**1001 01**	10

Base plate 1gang, self-extinguishing

- with imprint
- for mounting on combustible base surface

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1001 0 ..	377

Design	Order no.	PU
polar white	**1331 19**	10
black	**1331 11**	10

Supplementary products

Connector for multiple combinations surface-mounted

Also suitable for units of the surface-mounted programme.

- to combine surface-mounted devices

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1001 0 ..	377

Design	Order no.	PU
polar white	**1823 09**	10
black	**1823 05**	10

Wire and duct entry

Also suitable for surface-mounted frames and housings from the flush-mounted programmes.

- for wire or 15 x 15 mm cable duct

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1001 0 ..	377

Design	Order no.	PU
polar white	**1813 09**	10
black	**1813 05**	10

Tube entry

Distance from wall to centre of pipe 16 mm

Also suitable for surface-mounted frames and housings from the flush-mounted programmes.

Suitable tubes for surface-mounted installation can be purchased at www.fraenkische-elektro.de.

- for tubes with coupling dia. 20.5 mm (PG 13.5) and M 20
- for tubes with Ø 15.2 mm (PG 9) and M 16

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1001 0 ..	377

Design	Order no.	PU
polar white	**1817 09**	10
black	**1817 05**	10

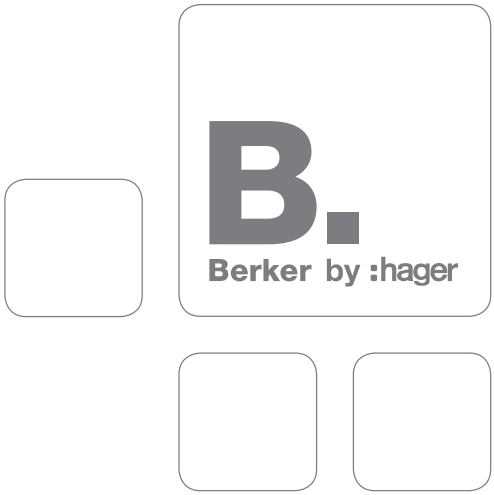
Serie Glas

Simplicity. Attractive shape. Design elegance, produced by the function: all these qualities can be found at their zenith in the Berker Serie Glas, inspired by the styles of the Bauhaus.

- Fits into both older buildings and modern living spaces
- At home in any classical and modern architecture
- Switch foot made of real, clear glass

Frames / Cover plates

Glass, clear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Berker by :hager

Frames

– Due to the diameter of the cover frame, the universal flush-mounted boxes must be placed precisely.

Glass frame 1gang

ℹ 481

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Special variant for hollow-wall mounting available on request.

– toughened glass
– for single mounting
– with polar white plastic base

Suitable for optional	Order no.	Page
Spacer gland	1887	373

Design	Order no.	PU
clear glossy	**1091**	10

Glass centre frame

ℹ 481

Combinations are only to be installed in simple combi boxes.

Special variant for hollow-wall mounting available on request.

– toughened glass
– for combination mounting
– with polar white plastic base

Design	Order no.	PU
clear glossy	**1093 00**	10

Glass end frame

ℹ 481

Combinations are only to be installed in simple combi boxes.

Special variant for hollow-wall mounting available on request.

– toughened glass
– for combination mounting
– with polar white plastic base

Design	Order no.	PU
clear glossy	**1092 00**	10

Glass frame 2gang

ℹ 481

Special variant for hollow-wall mounting available on request.

– toughened glass
– for vertical and horizontal mounting
– with polar white plastic base

Design	Order no.	PU
clear glossy	**1102**	2

Serie R.classic

Can a switch awaken feelings? No switch has probably ever answered this question as emotionally as the Berker R.classic series. With its attractive, round shape, four high-quality material variants and sleek rotary toggle, it guarantees a great feeling: excitement.

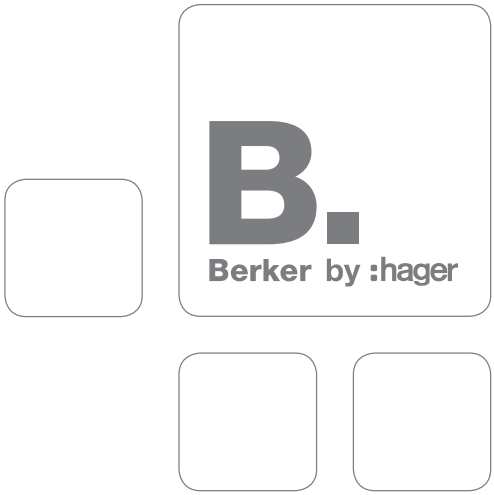
- Contemporary development of the Berker Serie 1930
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic
- A new feature: frameless switches

Frames

Plastic, glossy
polar white similar to RAL 9010
black similar to RAL 9005

Glass
polar white similar to RAL 9010
black similar to RAL 9005

Metal
Aluminium, natural anodised
Stainless steel, matt finish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Berker by :hager

Frames

Frame — 481

– for vertical and horizontal mounting

Design	Order no.	PU
polar white glossy, 1gang	**1011 20 89**	10
polar white glossy, 2gang	**1012 20 89**	2
polar white glossy, 3gang	**1013 20 89**	2

Frame — 481

– for vertical and horizontal mounting

Design	Order no.	PU
black glossy, 1gang	**1011 20 45**	10
black glossy, 2gang	**1012 20 45**	2
black glossy, 3gang	**1013 20 45**	2

Frame — 481

– for vertical and horizontal mounting

Design	Order no.	PU
Aluminium/polar white, luminium anodised, 1gang	**1011 20 74**	10
Aluminium/polar white, luminium anodised, 2gang	**1012 20 74**	10
Aluminium/polar white, luminium anodised, 3gang	**1013 20 74**	10

Frame — 481

– for vertical and horizontal mounting

Design	Order no.	PU
Aluminium/black, aluminium anodised, 1gang	**1011 20 84**	10
Aluminium/black, aluminium anodised, 2gang	**1012 20 84**	10
Aluminium/black, aluminium anodised, 3gang	**1013 20 84**	10

Frame — 481

– for vertical and horizontal mounting

Design	Order no.	PU
Stainless steel/polar white, metal matt finish, 1gang	**1011 20 14**	10
Stainless steel/polar white, metal matt finish, 2gang	**1012 20 14**	10
Stainless steel/polar white, metal matt finish, 3gang	**1013 20 14**	10

Frame — 481

– for vertical and horizontal mounting

Design	Order no.	PU
Stainless steel/black, metal matt finish, 1gang	**1011 20 04**	10
Stainless steel/black, metal matt finish, 2gang	**1012 20 04**	10
Stainless steel/black, metal matt finish, 3gang	**1013 20 04**	10

Frame

481

– for vertical and horizontal mounting

Design	Order no.	PU
Glass polar white, 1gang	**1011 20 09**	10
Glass polar white, 2gang	**1012 20 09**	5
Glass polar white, 3gang	**1013 20 09**	5

Frame

481

– for vertical and horizontal mounting

Design	Order no.	PU
Glass black, 1gang	**1011 20 16**	10
Glass black, 2gang	**1012 20 16**	5
Glass black, 3gang	**1013 20 16**	5