Type	FD62NP	FD62NPN	FR62NP [b)] FL62NP [b)] FDH62NP [b)]	FR62 [b)] FL62 [b)]	FJ62NP
Contacts					
Contact material/contact gap	Power MOSFET	Power MOSFET	$AgSnO_2$/0.5mm	$AgSnO_2$/0.5mm	$AgSnO_2$/0.5mm
Spacing of control connections/contact	–	–	3 mm	6 mm	3 mm
Test voltage control connections/contact	–	–	2000V	4000 V	2000 V
Rated switching capacity each contact	–	–	10A/250V AC	10A/250V AC	4A/250V AC
Dimmable 230 V LED lamps [2)]	Trailing edge up to 200 W Leading edge up to 40 W	Trailing edge up to 300 W Leading edge up to 100 W	up to 200W I on ≤ 120 A / 5 ms	up to 200W I on ≤ 120 A / 5 ms	-
Incandescent lamp and halogen lamp load [1)] 230 V, I on ≤ 70 A/10 ms	up to 200W [3)]	up to 300W [3)]	2000 W	2000 W	-
Fluorescent lamp load with KVG* in lead-lag circuit or non compensated	–	–	1000 VA	1000 VA	-
Fluorescent lamp load with KVG* shunt-compensated or with EVG*	–	–	500 VA	500 VA	-
Compact fluorescent lamps with EVG* and energy saving lamps	up to 200W [2)]	up to 300W [2)]	up to 200W [2)]	up to 200W [2)]	-
Inductive laod cos φ = 0.6/230 V AC inrush current ≤ 35 A	–	–	650W	650W	650 W
Max. switching current DC1: 12 V/24 V DC	–	–	-	8 A	–
Service life at rated load, cos φ = 1 or incandescent lamps 500 W at 100/h	–	–	$>10^5$	$>10^5$	$>10^5$
Service life at rated load, cos φ = 0.6 at 100/h	–	–	$> 4x10^4$	$> 4x10^4$	$> 4x10^4$
Max. operating cyles	–	–	10^3/h	10^3/h	10^3/h
Type of connection	Plug-in terminals	Plug-in terminals	Plug-in terminals	Plug-in terminals	Plug-in terminals
Minimum conductor cross-section	0.2 mm^2	0.2 mm^2	0.2 mm^2	0.2 mm^2	0.2 mm^2
Maximum conductor cross-section	2.5 mm^2	2.5 mm^2	2.5 mm^2	2.5 mm^2	2.5 mm^2
Stripping of the conductor	8-9 mm	8-9 mm	8-9 mm	8-9 mm	8-9 mm
Type of enclosure/terminals	IP30/IP20	IP30/IP20	IP30/IP20	IP30/IP20	IP30/IP20
Electronics					
Time on	100%	100%	100%	100%	100%
Max./min. temperature at mounting location	+50°C/-20°C	+50°C/-20°C	+50°C/-20°C	+50°C/-20°C	+50°C/-20°C
Standby loss (active power)	0.6 W	0.5 W	0.4W	0.4W	0.6 W
Local control current at 230 V control input	3 mA	3 mA	3 mA	3 mA	3 mA
Max. parallel capacitance (approx. length) of local control lead at 230 V AC	30 nF (100 m)	30 nF (100 m)	30 nF (100 m) FL62NP: 10 nF (30 m)	30 nF (100 m)	10 nF (30 m)

b) Bistable relay as relay contact. After installation, wait for short automatic synchronisation before teaching-in the wireless pushbuttons.
1) Applies to lamps of max. 150 W.
2) Generally applies to 230 V LED lamps and energy saving lamps (ESL). Due to different lamp electronics, switch on/off problems and a restriction in the maximum number of lamps, however, the dimming ranges may be limited depending on the manufacturer; in particular when the connected load is very low (e.g. with 5 W LEDs).
3) No inductive (wound) transformers.

Eltako Wireless is based on the EnOcean wireless standard for 868 MHz, frequency 868.3 MHz, data rate 125 kbps, modulation mode ASK, max. transmit power 7 dBm (<10 mW).

To comply with DIN VDE 0100-443 and DIN VDE 0100-534, a Type 2 or Type 3 surge protection device (SPD) must be installed.

Compliance with: EN 61000-6-3, EN 61000-6-1 and EN 60 669

Sensors **Actuators**	**Pushbuttons, handheld trans-mitters and remote controls** B4, F1, F2, F4, F4T65B, FF8, FFD, FFT55, FHS, FKD, FMH, FMT55, FSTAP, FT55, FTTB	**Transmitter modules** FASM60 FSM14 FSM60B FSM61 FSU… FTS14EM F4USM61B	**Card switch, pull switch and smoke alarm** FHMB FKF FRW FRWB FZS	**Window/door contact** FFKB FFTE FPE FTK FTKB FTKE	**Window handle sensor and window/door contact** FFG7B mTronic	**Motion/ brightness sensors** FABH65S FB… FBH…	**Brightness sensors** FAH60 FAH60B FAH65S FHD60SB FIH65S	**Temperature controller/ sensors** FFT… FFT60SB FTF65S FTFB FTFSB FTR… FUTH…	**Air quality sensor** FLGTF
F2L14	X	X		X	X			X	X
F4HK14	X	X		X	X	X [3]		X [1]	X [1]
F4SR14-LED	X	X	X	X	X	X	X		
FAE14…	X	X		X	X	X [3]		X [1]	X [1]
FDG14	X	X		X		X			
FHK14	X	X		X	X	X [3]		X [1]	X [1]
FMS14	X	X	X						
FMZ14	X	X	X	X	X				
FRGBW14	X	X				X	X		
FSB14	X	X		X	X		X		
FSG14/1-10V	X	X		X		X	X		
FSR14…	X	X	X	X	X	X	X		
FTN14	X	X		X	X	X			
FUD14…	X	X		X		X	X		
FAC…	X			X	X	X		X [1]	X [1]
FD62…	X	X				X			
FDG62	X	X				X			
FDG71	X	X		X		X			
FFR61-230V	X	X							
FGM	X	X	X	X		X [3]			
FHD62NP	X	X		X	X				
FHK61	X	X		X	X	X [3]		X [1]	X [1]
FJ62…	X	X		X	X				
FKLD61	X	X				X	X		
FL62…	X	X	X			X			
FLC61NP-230V	X	X	X			X	X		
FLD61	X	X				X	X		
FMS61NP-230V	X	X							
FMZ61-230V	X	X	X	X					
FR62…	X	X		X	X				
FRGBW71L	X	X				X	X		
FSB61…	X	X		X	X		X		
FSB71…	X	X		X	X		X		
FSG71/1-10V	X	X		X					
FSHA-230V	X	X		X	X	X [3]		X [1]	X [1]
FSR61…	X	X	X	X	X	X	X		
FSR71…	X	X	X	X	X	X	X		
FSR70S-230V	X	X	X			X [3]	X		
FSSA-230V	X	X		X					
FSUD-230V	X	X							
FSVA-230V	X	X		X					
FTN61NP-230V	X	X		X	X	X			
FUA12-230V	X	X	X	X	X	X	X		
FUD61…	X	X				X	X		
FUD71	X	X		X		X	X		
FUD70S-230V	X	X							
FUTH…				X	X				
FWWKW71L	X	X				X	X		

[1] Only evaluation of temperature [2] Only motion detection