

	<b>FUD61NP FUD61NPN</b>	<b>FUD70 FUD70S</b>	<b>FSR61<sup>b)</sup>, FMS61NP<sup>b)</sup>, FSB61NP<sup>b)</sup>, FTN61NP<sup>b)</sup>, FMZ61NP<sup>b)</sup>, FHK61<sup>b)</sup>, FSR70<sup>b)</sup>, FSR70S<sup>b)</sup>, FSG70<sup>b)</sup></b>
<b>Contacts</b>			
Contact material/contact gap	Power MOSFET	Power MOSFET	AgSnO <sub>2</sub> /0.5 mm
Spacing of control connections/contact	–	–	3 mm; FSG70: –
Test voltage control connections/contact	–	–	2000V; FSG70: –
Rated switching capacity each contact	–	–	10 A/250V AC; FSG70: 600 VA <sup>3)</sup>
Incandescent lamp and halogen lamp load 230V <sup>1)</sup>	up to 300 W <sup>2)</sup>	up to 400 W <sup>2)</sup>	2000 W; FSG70: –
Fluorescent lamp load with KVG* in lead-lag circuit or non compensated	–	–	1000 VA; FSG70: –
Fluorescent lamp load with KVG* shunt-compensated or with EVG*	–	–	500 VA; FSG70: 600 VA <sup>3)</sup>
Compact fluorescent lamps with EVG* and energy saving lamps	only FUD61NPN: up to 100 W <sup>3)</sup>	up to 100 W <sup>3)</sup>	15 x 7 W, 10 x 20 W; FSG70: –
Dimmable 230V LED lamps	only FUD61NPN: up to 100 W	–	–
Max. switching current DC1: 12V/24V DC	–	–	–
Service life at rated load, cos φ = 1 or incandescent lamps 500W at 100/h	–	–	> 10 <sup>5</sup>
Service life at rated load, cos φ = 0,6 at 100/h	–	–	> 4 x 10 <sup>4</sup>
Max. operating cycles	–	–	10 <sup>3</sup> /h
Maximum conductor cross-section	4 mm <sup>2</sup>	4 mm <sup>2</sup>	4 mm <sup>2</sup>
Two conductors of same cross-section	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>
Screw head	slotted/cross-head	slotted/cross-head	slotted/cross-head
Type of enclosure/terminals	IP30/IP20	IP30/IP20	IP30/IP20
<b>Electronics</b>			
Time on	100 %	100 %	100 %
Max./min. temperature at mounting location	+50°C/-20°C	+50°C/-20°C	+50°C/-20°C
Standby loss (active power)	FUD61NP: 0.7 W; FUD61NPN: 0.6 W	0.6 W	0.8 W - 0.9 W
Local control current at 230V control input	1 mA	–	3.5 mA; FSR61+FHK61/8-24V UC, at 24V DC: 0.2 mA; FSG70: –
Max. parallel capacitance (approx. length) of local control lead at 230V AC	0.06 µF (200 m)	–	0.01 µF (30 m); ; FSG70: –

<sup>b)</sup> Bistable relay as relay contact. After installation, wait for short automatic synchronisation before teaching-in the wireless pushbuttons.

<sup>1)</sup> Applies to lamps of max. 150W.

<sup>2)</sup> Also max. 2 induction transformers of the same type ( L load) and electronic transformers (C load).

<sup>3)</sup> In the settings ESL for dimmable energy saving lamps ESL no wound (inductive) transformers must be dimmed. Only for dimmable energy saving lamps ESL.

\* EVG = electronic ballast units; KVG = conventional ballast units