

Remote switch series LQ6



LQ612230



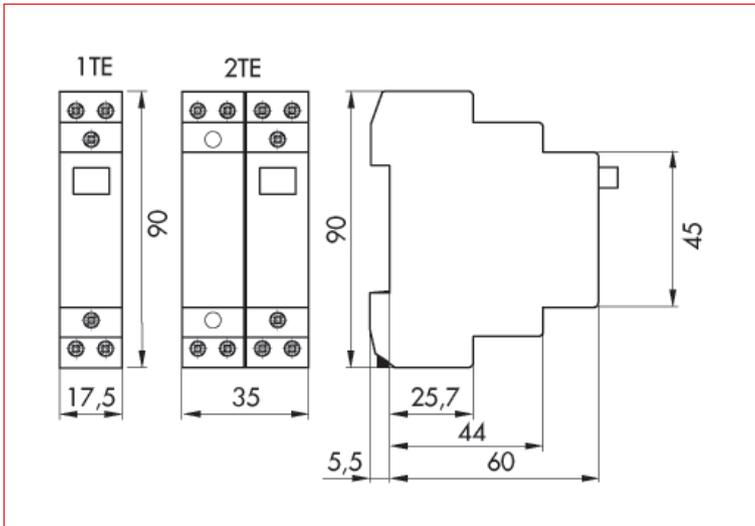
LQ690001

Schrack-Info

The mechanical remote switches from Schrack Technik offer optimum availability. The use of buttons and buttons with illuminated function offer comfortable switching operations. The remote switch is available with coil voltage ratings 8VAC to 230VAC and 12VDC and 24VDC. Different contact assignments (NO, NC, change-over) allow to use the product tailored for your application. There is also the possibility to appoint an impulse switch with indication of the switching status of the coil.

Control circuit:	
Control voltage Us:	8, 12, 24, 48, 230 V AC 50 Hz 8, 12, 24, 110 V DC
Functional range:	0.9 - 1.1 x Us
Attraction power of solenoid coils:	12 VA / 7 W typ.
Minimum command time:	> 200 ms
Duty cycle:	1 MW: 1 hour, unlimited with spacer 2 MW: max. 1 hour with spacer
Load circuit:	
Rated operating voltage, 1-pole:	250 V AC
Rated operating voltage, 4-pole:	240 / 415 V AC
Minimum operating voltage Umin:	24 V AC/DC
Rated current DC:	24 V, Ie 16 A 48 V, Ie 12.5 A 230 V, Ie 1 A
Rated continuous current Iu:	16 A AC
Short-circuit current:	10 kA (with 20 A gL/gG fuse)
Endurance, electrical:	40 x 10 ² operating cycles
Endurance, mechanical:	1 x 10 ⁶ operating cycles
Terminal cross-section:	0.5-10 mm ² sold and stranded 0.5-6 mm ² finely stranded with multicore cable end
Temperature range:	-25 °C to +45 °C

Dimensions



Compensation:

How many compensator modules you need to operate a certain number of light sensors in combination of different master modules, please refer to the table below. Use only with 230 VAC buttons with glow lamps.

Compensation modules	remote switch	
	1P-2P	3P-4P
0	8*	15*
1	23*	X
2	46*	43*

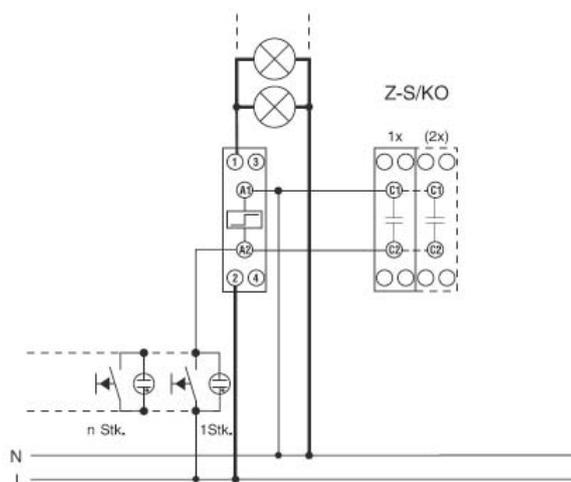
* no. of 0,6A glowlamp

Max. number of parallel illuminated push-buttons 230 V 0,85 mA typ.

remote switch (LQ6*)	
without compensation	3 pcs. (1HP, 2HP)
with compensation	13 pcs. (1HP), 6 Stk. (2HP)
with compensation	21 Stk. (1HP), 12 Stk. (2HP)

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Remote switches and central remote switch: Compensation with capacity block



DESCRIPTION	AVAILABLE	ORDER NO.
230VAC		
4 NO, 230VAC		LQ610230
1 NO, 230VAC		LQ611230
2 NO, 230VAC		LQ612230
1 NO + 1 NC, 230VAC		LQ614230
2 NO + 2 NC, 230VAC		LQ616230
1 C/O, 230VAC		LQ617230
2 C/O, 230VAC		LQ618230
48VAC/24VDC		
1 NO, 48VAC/24VDC		LQ611048
2 NO, 48VAC/24VDC		LQ612048
1 C/O, 48VAC/24VDC		LQ617048
24VAC/12VDC		
4 NO 24VAC/12VDC		LQ610024
1 NO 24VAC/12VDC		LQ611024
2 NO 24VAC/12VDC		LQ612024
12VAC		
1 NO 12VAC		LQ611012
2 NO 12VAC		LQ612012
8VAC		
1 NO, 8VAC		LQ611008
Accessories		
Capacitor module, 240VAC, 1,5μF		LQ690001