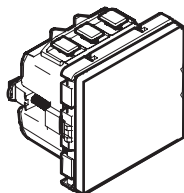
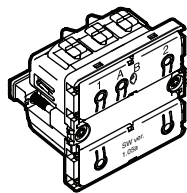


by Schneider Electric

## LK IHC® Wireless Relay Receiver



505DA505



505D0505

A: 0=without cover, 5=grey, 6=white, 8=coalgrey

### For your safety



**DANGER**

**Risk of serious damage to property and personal injury, e.g. from fire or electric shock, due to incorrect electrical installation.**

*Safe electrical installation can only be ensured if the person in question can prove basic knowledge in the following areas:*

- Connecting to electrical installations
- Connecting several electrical devices
- Laying electric cables

*These skills and experience are normally only possessed by skilled professionals who are trained in the field of electrical installation technology.*

*If these minimum requirements are not met or are disregarded in any way, you will be solely liable for any damage to property or personal injury.*

### Application

LK IHC Wireless Relay Receiver is used where there is a requirement for an on/off outlet that can be operated remotely. Both IHC Wireless "Stand-alone" system and IHC Control can be used. The relay receiver may only be operated remotely when delivered. If local control is required, a wireless rocker (530DA001) must be purchased and a FUGA enclosure 44 x 26 (530DA037).

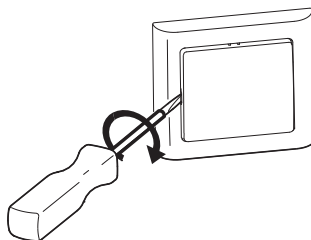
This model has a higher power rating than the all-round model (505DA515), and is especially suited for loads with high actuating current.

Using the unit with LED/CFL energy-saving bulbs requires installation of ohmic base load of min. 6 W.

### Design

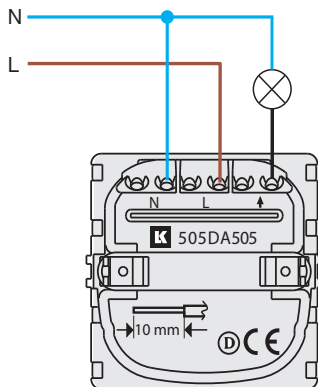
The relay receiver has connection for phase, neutral and switch wire. In case of a power outage, the relay receiver remembers its on/off mode, and adopts the same mode when the power is switched on again. See the difference between the all-round and non-all-round model under the front cover. The all-round model says "4A" and the non-all-round model says "6A".

### Programming



To program the relay receiver, the enclosure must be removed first. This can be done by carefully inserting a screwdriver or similar tool into the left and right side respectively and wiggling/tilting it until the enclosure loosens at the sides. Then remove the enclosure, and you get access to buttons and LED for programming.

The relay receiver must be connected to voltage in order to be programmed, but does not have to be connected to load.



The procedure for programming the relay receiver is the same as for other IHC Wireless units and is explained in the common guide for IHC Wireless. If the relay receiver will be used with IHC Control, the unit is inserted as a component in IHC Visual and linked. By linking, previous programming will be deleted.

## Technical data

Nominal voltage	230 V AC / 50 Hz
Power consumption	Max. 2 W at full load
Standby	0.3 W
Min. load	6 W
Loads	
Rated power	1380 W (6 A)
Filament lamps	1380 W
Fluorescent tubes	900 VA
Low energy CFL energy-saving bulbs	450 W
LED	450 W
Halogen lamps	
230 V	1380 W
12 V	1380 VA
Motor operation	6 A/1380 VA
Connections	Phase, neutral, switch wire
Terminals	Screwless terminals, max. 2 x 2.5 mm <sup>2</sup>
Transmission frequency	868 MHz
Operating temperature	-5 °C to +35 °C
Humidity	20 - 95% RH, non-condensing
Fuse rating	Max. 13 A
Protection rating	IP20
Module size	1 M FUGA
Directives	See online catalogue
Standards	See online catalogue
Approvals	DEMKO

Important: The above data replaces technical data in the common guide 019D8530.

## Necessary accessory

For inserts without rockers you need to buy rockers before the unit will work.

## Lauritz Knudsen

Schneider Electric Danmark A/S · Lautrupvang 1 · 2750 Ballerup · Phone 88 30 20 00 · www.lk.dk