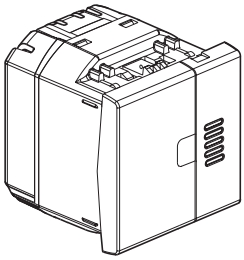
300 W PLC/IR dimmer switch with status indicator
7358 16 - 7359 16



Characteristics

		①	②	③
110 V~	Min.	20 W	20 W	20 VA
	Max.	150 W	150 W	150 VA
230 V~	Min.	20 W	20 W	20 VA
	Max.	300 W	300 W	300 VA

① Incandescent lamp
② Halogen lamp
③ ELV halogen lamp with ferromagnetic or electronic transformer with filter.

Important : - Ferromagnetic transformers must be loaded to more than 60% of their rated power.
- Allowance must be made for the efficiency of ferromagnetic transformers when calculating permissible power
(example : a transformer with an efficiency of 0.78, used with a 50 W lamp, will actually consyume a power of 64 VA).

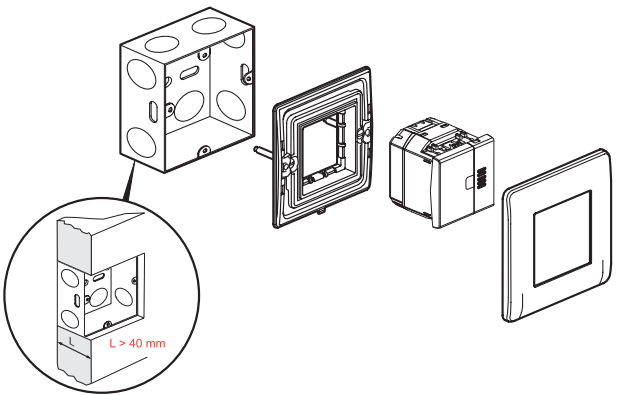
LE00795AA

Characteristics *(continued)*

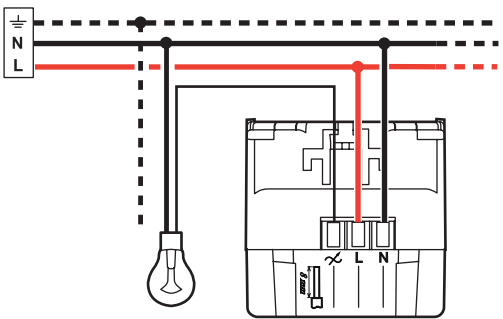
Electronic protection :

- In the event of overload an beyond the maximum operating temperature, the product automatically regulates power by reducing the lighting level.
- If there is a short-circuit or a very high overload, the dimmer switches itself off. Once the fault has been eliminated, the product is once again operational.

Voltage	100 - 240 VA
Frequency	50 - 60 Hz
	2 x 1.5 mm^2 or 1 x 2.5 mm^2
Standards	EN 50065 IEC 60669-2-1
	- 5° C to + 45° C



Wiring



Safety instructions :

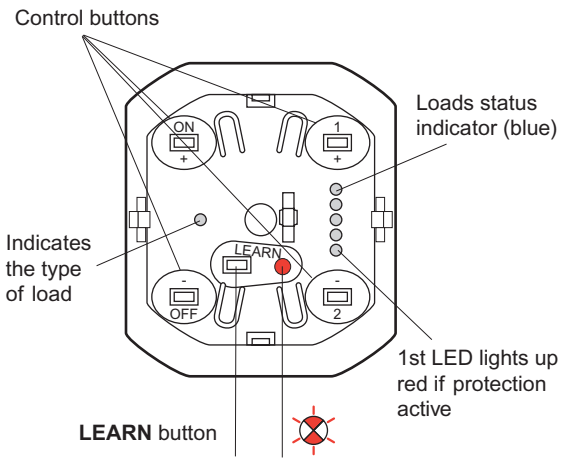
This product should be installed preferably by a qualified electrician. Incorrect installation and use can entail risk of electric shock or fire.

Before carrying out the installation, read the instructions and take account of the product's specific mounting location.

Do not open up the device. All Legrand products must be exclusively opened and repaired by personnel trained and approved by LEGRAND. Any unauthorised opening or repair completely cancels all liabilities and the rights to replacement and guarantees.

Only use genuine accessories.

Description



Factory setting

When first powered up, the ON or OFF buttons are pressed to control all the lighting points of the «In One by Legrand» installation. This option is provided so that the correct operation and connection of all the lighting fittings can be checked.

Pressing LEARN(1) twice cancels this general control function.

(1) Programming or learning button.

Key

The indicator light switches off

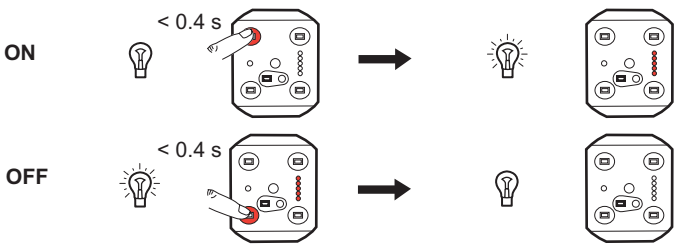
The indicator light flashes slowly

The indicator light flashes quickly

The indicator light flashes

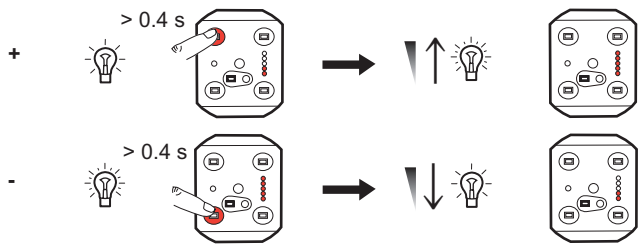
Operation

In local mode



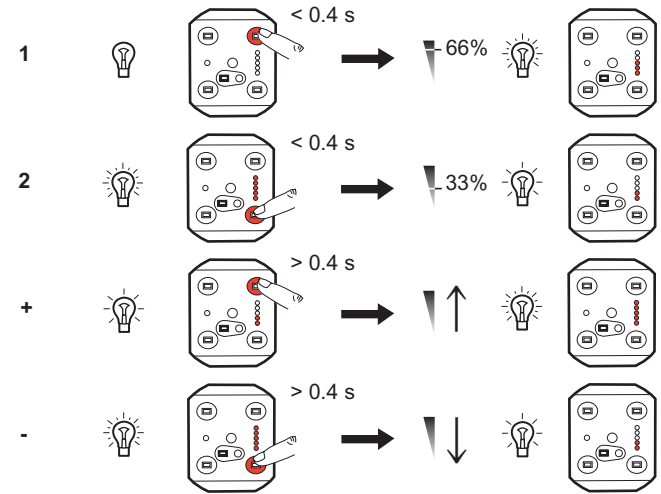
Operation *(continued)*

In local mode



Operation *(continued)*

In local mode *(continued)*

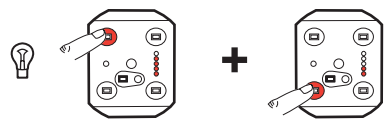


Operation *(continued)*

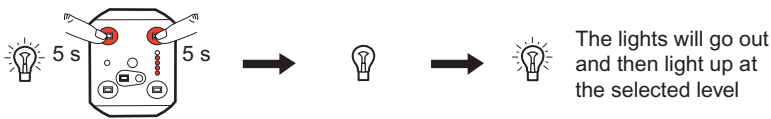
Customizing lighting levels

• On button 1

Set required level

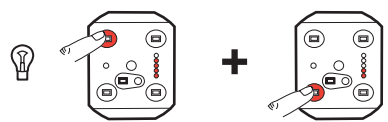


Save

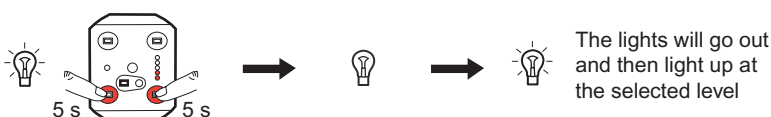


• On button 2

Set required level

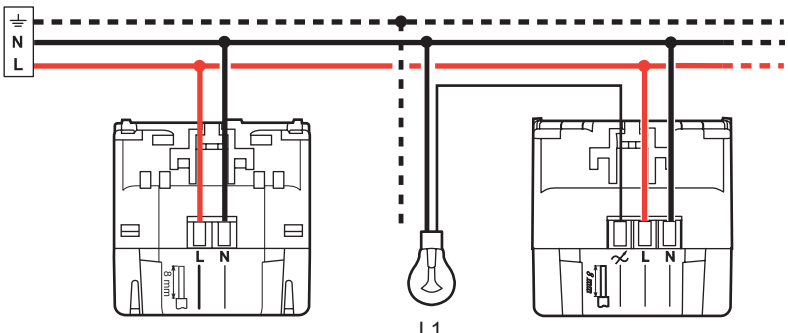


Save



Operation

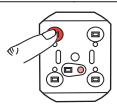
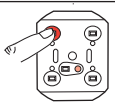
Example : creating a scenario.
Switch on the dimmer switch (L1) using a lighting scenario switch.



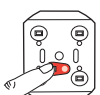
Transmitter
Lighting scenario switch
Cat. Nos. : 7358 18 - 7359 18

Receiver
Dimmer switch
Cat. Nos. : 7358 16 - 7359 16

Operation *(continued)*

Transmitter	LEARN Indicator	Receiver(s)	LEARN Indicator	L1
1 Open the scenario 				
2 				
		Add (L1) 3 		
		4 		

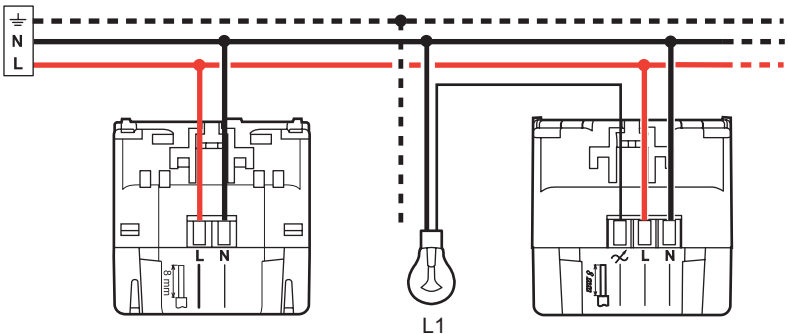
Operation *(continued)*

Transmitter	LEARN Indicator light	Receiver(s)	LEARN Indicator light	L1
To add other products to the scenario, repeat operations 3 and 4 .				
Save the scenario 5 				

The learning step is completed : L1 switch-on, switch-off and dimming can now be triggered independently from either the lighting scenario switch or the dimmer switch.

Operation *(continued)*

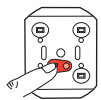
Example : changing scenario 1 of a scenario switch :
Cancel the lighting up of the dimmer switch (L1) in a scenario
Switch off the dimmer switch (L1)



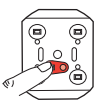
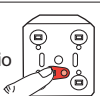
Transmitter
Scenario switch
Cat. Nos. : 7358 19 - 7359 19

Receiver
Dimmer switch
Cat. Nos. : 7358 16 - 7359 16

Operation *(continued)*

Transmitter	LEARN Indicator light	Receiver(s)	LEARN Indicator light	L1
1 Open the existing scenario 				
2 		All the scenario products blink		
		Change the receiver status 3 Remove the product from the scenario  To delete the product concerned from the scenario, got to operation 6 .		

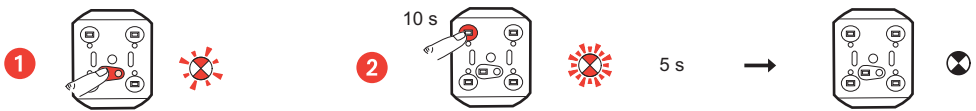
Operation *(continued)*

Transmitter	LEARN Indicator light	Receiver(s)	LEARN Indicator light	L1
		4 Add the product to be included in the scenario 		
		5 		
6 Save the scenario 				

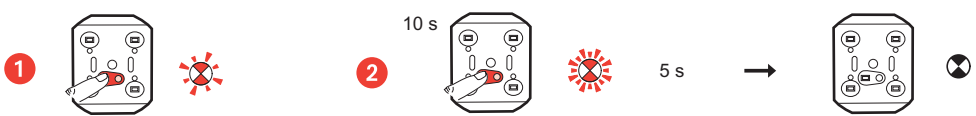
The scenario has been changed and will now switch off L1.

Operation *(continued)*

To disable a control button in all scenarios (on the Receiver)



To disable a receiver in all scenarios (on the Receiver)



To restore factory settings

Problems and solutions

Problem	Cause	Solution
The learn indicator light comes on for 5 seconds.	Learning is impossible.	Install compatible products.
The learn indicator light comes on for 10 seconds.	The number of saved transmitters is more than 32.	Delete the unused scenarios.
During learning the learn indicator light stops blinking.	The learning mode shuts down after 10 minutes.	Restart the learning.
The programmed function button does not work.	After pressing the learn button, the learning of the function button is done in the minute that follows.	Restart the learning.
On saving the scenario, the learn indicator lights of some receivers do not go off.	Incorrect communication between the products.	Check the cabling (connection). Look for a possible interference device*. Insulate with a filter.

*Example of interference device : electronic transformer, switch mode power supply, ...