



# PHILIPS DDBC516FR Signal Dimmer Controller Instruction Manual

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## PHILIPS DDBC516FR Signal Dimmer Controller Instruction Manual

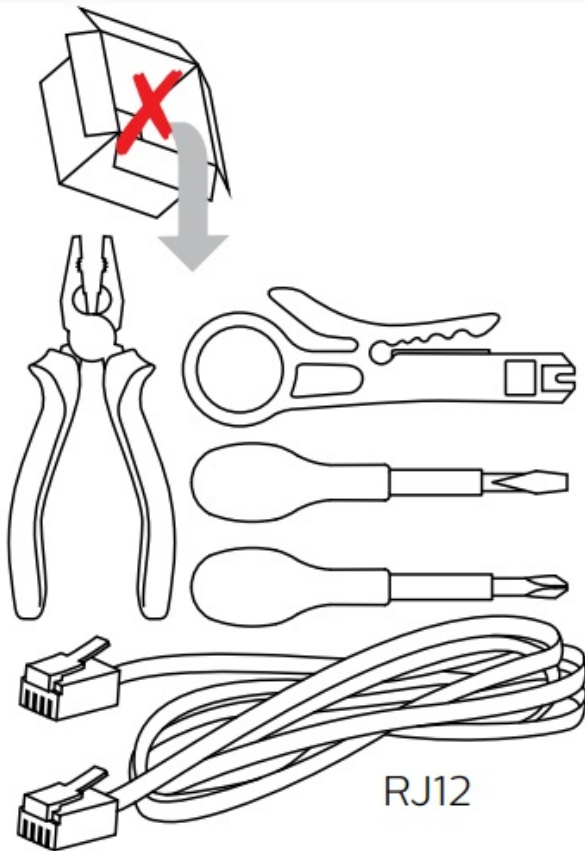
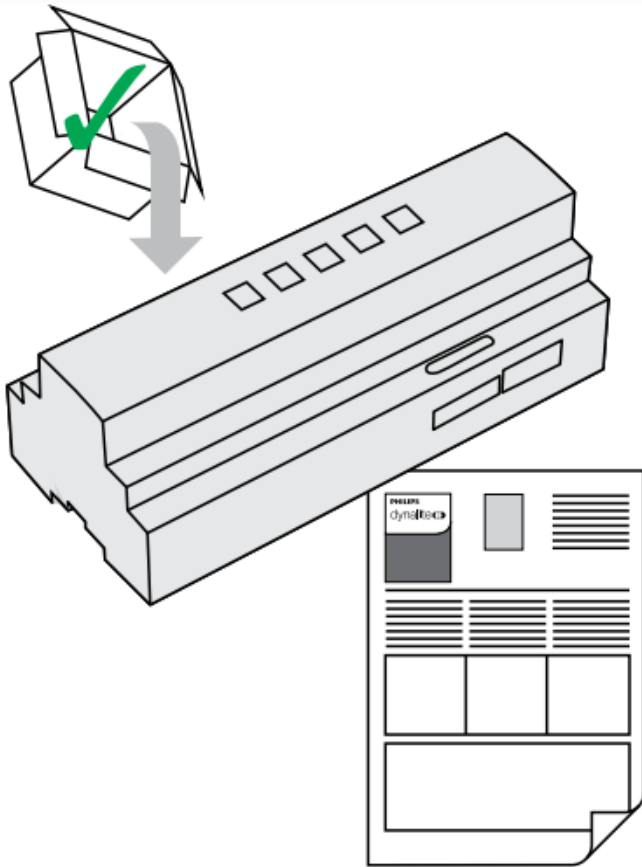


Devices must be installed in an approved enclosure by a qualified electrician in accordance with all national and local electrical and construction codes and regulations.

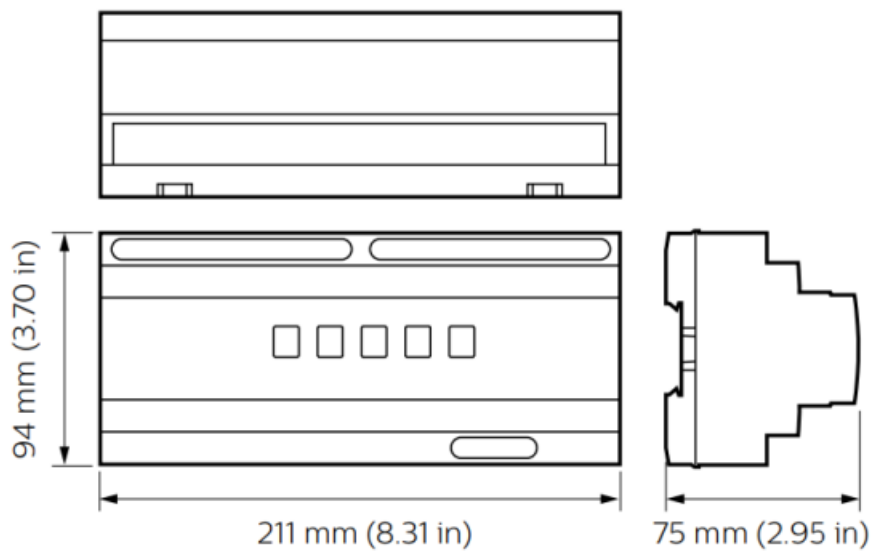
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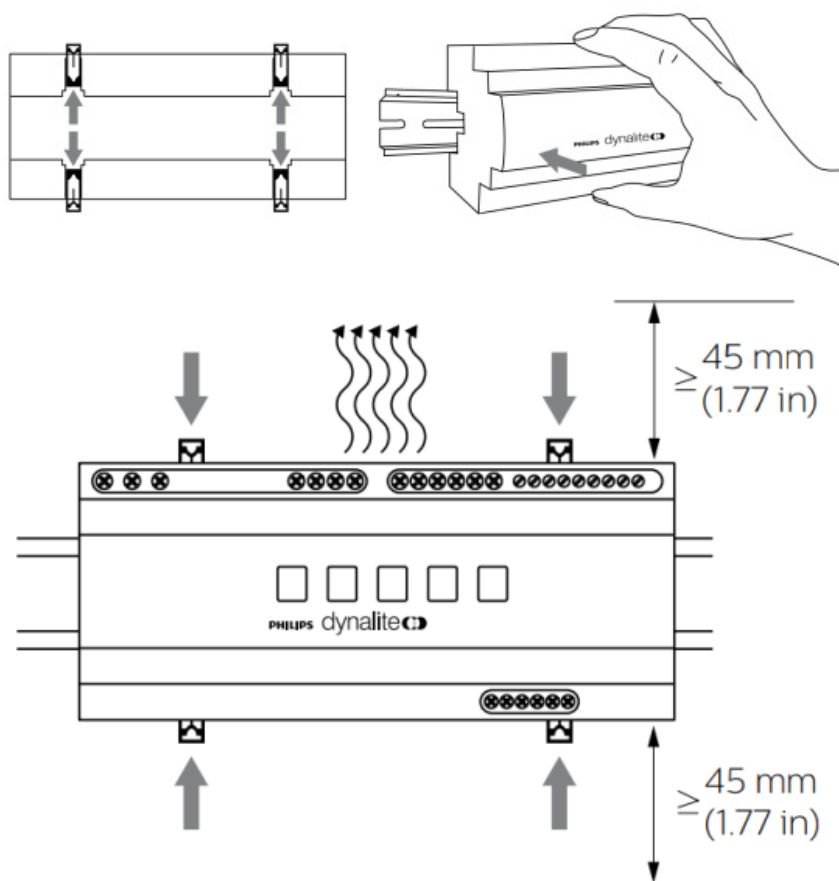
## In The Box



## Dimension



## Installation Instruction

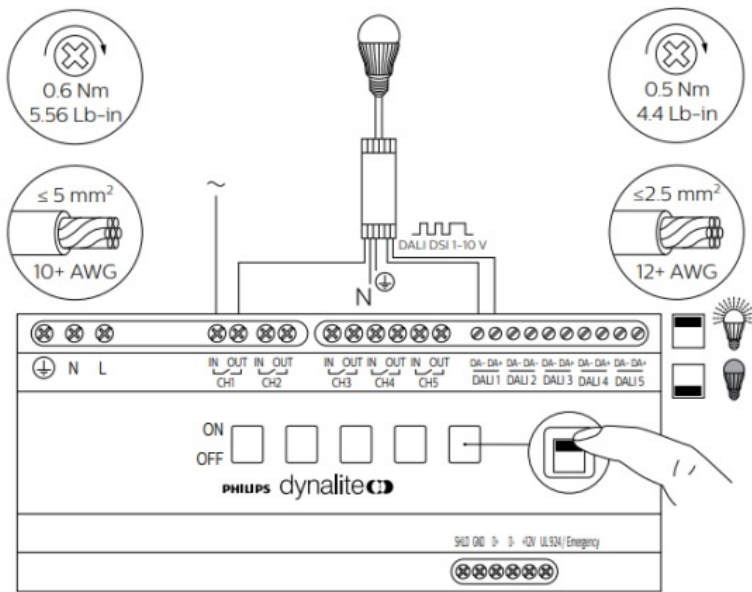


## IEC Pollution Degree II



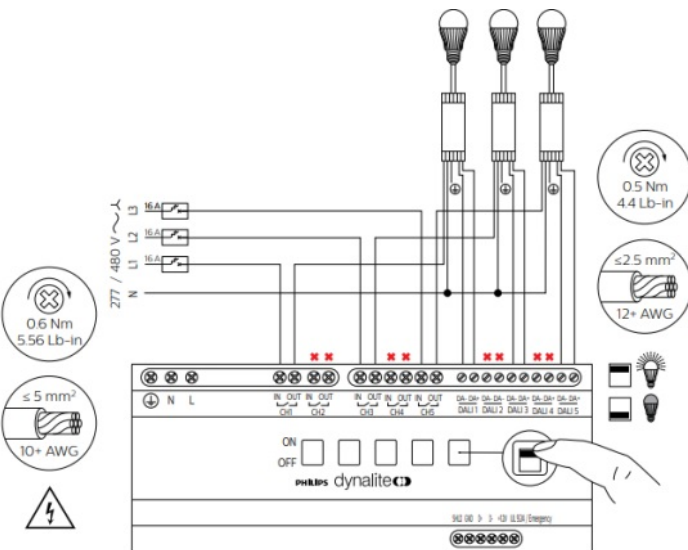
## Installation example

1 ~ / 3 ~  
CH-CH  $\leq 300 \text{ V} \sim$  (UL) /  $400 \text{ V} \sim$  (CE)



→ 3 ~

CH-CH= 277 / 480 V ~



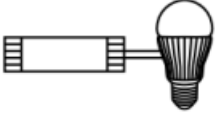
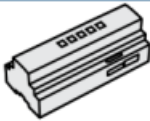
## Output Ratings/Channel (CH)

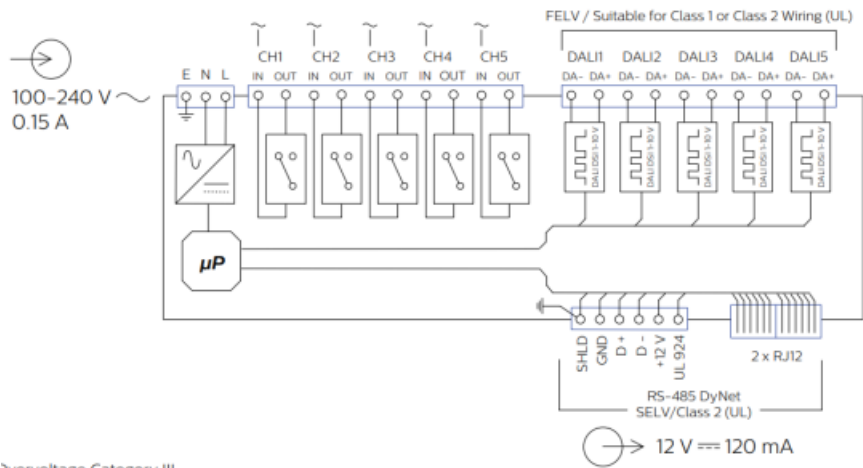
Load Type	CH1-CH5
General Use	16 A, 277 V ~
Incandescent	
Standard Ballast	
Electronic Ballast	
Motor	16 FLA (1 HP), 120 V ~ 14.5 FLA (2 1/2 HP), 240 V ~ 14.1 FLA (3 HP), 277 V ~
Pilot Duty	6 A, 120 V ~ 3 A, 240 V ~ 2.6 A, 277 V ~

Output Ratings/Group

CH-CH ≤ 300 V (UL)/400 V (CE) DDBC516FR ≤ 80 A

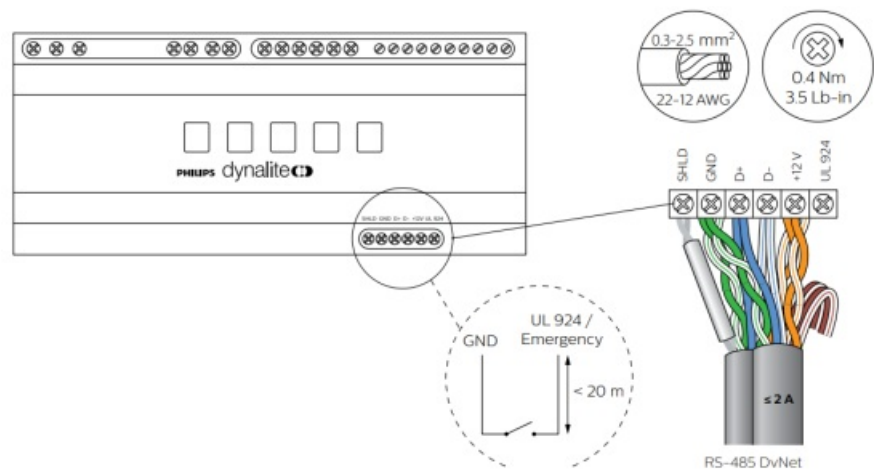
Control Channel Ratings

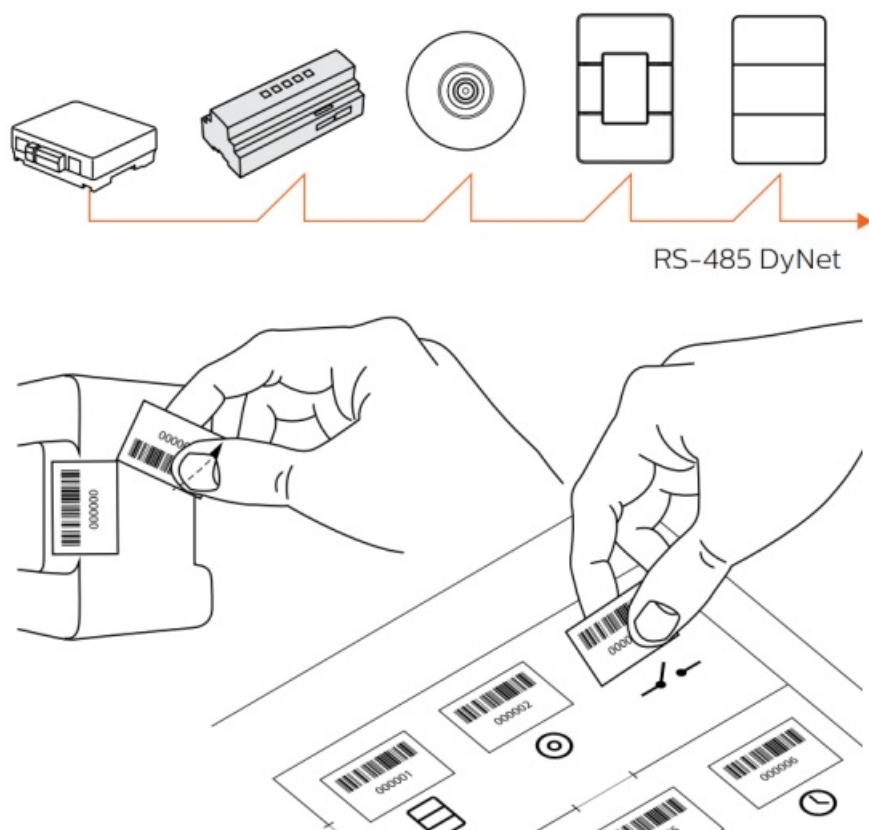
 		
<b>DALI</b> Address- able and Broadcast	≤ 10/CH  Guaranteed 20 mA Maximum 250 mA  Insulation: basic	≤ 50
<b>DSI</b>	≤ 10/CH	≤ 50
<b>1-10 V</b>	Sink 10 mA Source 10 mA	Driver dependent



Surge Voltage Category III

IEC Overvoltage Category III





## IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- a) Do not use outdoors
- b) Do not use this equipment for other than the intended use

### SAVE THESE INSTRUCTIONS

## Federal Communications Commission (FCC) Compliance Notice

**Radio Frequency Notice** – This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help. Any modifications not approved by the manufacturer of this device could void the user's authority to operate this device.

This Class B digital apparatus complies with Canadian ICES-003: CAN ICES-3(B)/NMB-3(B).

Installation of a home and building automation and control system shall comply with HD 60364-4-41. The temperature limits and current-carrying capacities for the communication wires specified in HD 384.5.523 shall not be exceeded.



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<http://www.lighting.philips.com/dynalite>

## Documents / Resources

	<p><a href="#">PHILIPS DDBC516FR Signal Dimmer Controller</a> [pdf] Instruction Manual DDBC516FR, Signal Dimmer Controller, DDBC516FR Signal Dimmer Controller</p>
	<p><a href="#">PHILIPS DDBC516FR Signal Dimmer Controller</a> [pdf] Instruction Manual DDBC516FR, Signal Dimmer Controller, DDBC516FR Signal Dimmer Controller, Dimmer Contr oller, Controller</p>
	<p><a href="#">PHILIPS DDBC516FR Signal Dimmer Controller</a> [pdf] Instruction Manual DDBC516FR Signal Dimmer Controller, DDBC516FR, Signal Dimmer Controller, Dimmer Contr oller, Controller</p>
	<p><a href="#">PHILIPS DDBC516FR Signal Dimmer Controller</a> [pdf] Instruction Manual DDBC516FR Signal Dimmer Controller, DDBC516FR, Signal Dimmer Controller, Dimmer Contr oller, Controller</p>

## References

- 
[Philips Dynalite - Lighting Controls, Lighting Management](#)
- 
[Dynalite | Philips lighting](#)