



Philips DDMC802 Multipurpose Modular Controller Installation Guide

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Philips DDMC802 Multipurpose Modular Controller

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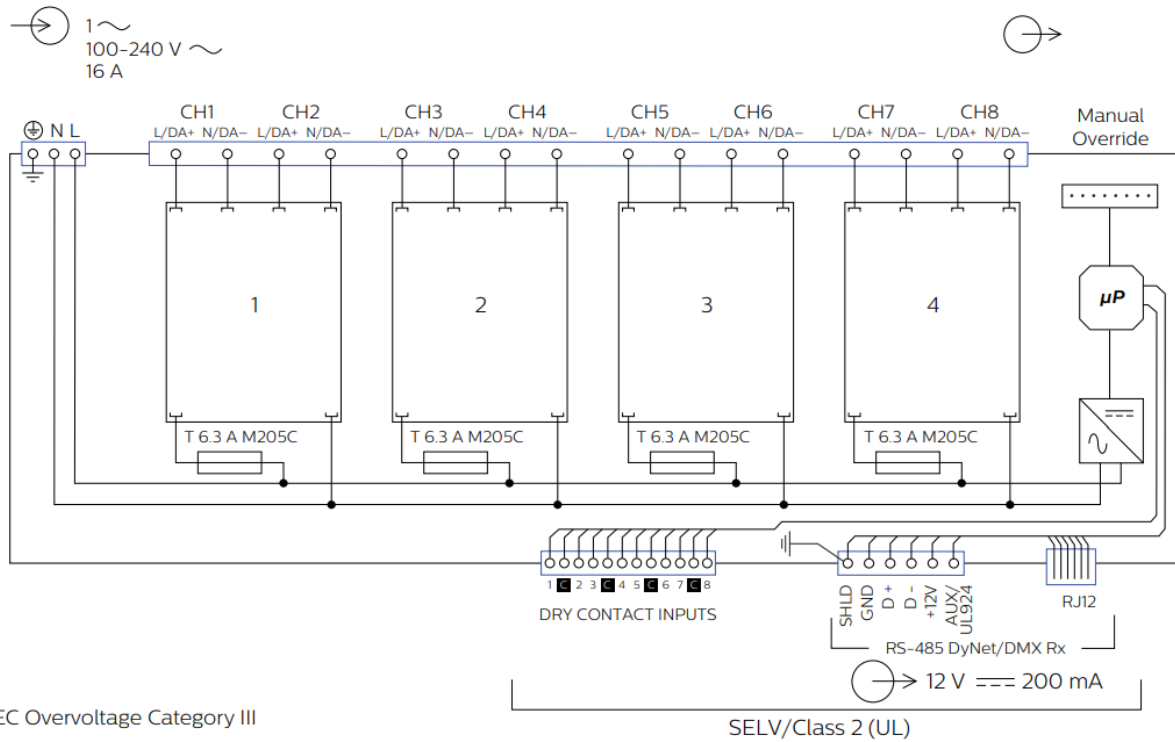
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Installation Instructions



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.

3



! IEC Overvoltage Category III

SELV/Class 2 (UL)

4

DGCM102



1 x 2 A
curtain module

DGFM102



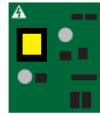
1 x 2 A
fan module

DGRM204



2 x 4 A
relay module

DGBM200



2 CH
ballast module

DGTM104



1 x 4 A
Trailing Edge
dimmer module

DGLM202



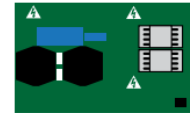
2 x 2 A
Leading Edge
dimmer module

DGTM202



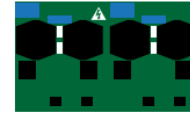
2 x 2 A
Trailing Edge
dimmer module

DGLM105



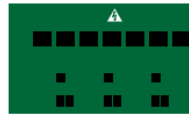
1 x 5 A
Leading Edge
dimmer module

DGLM402

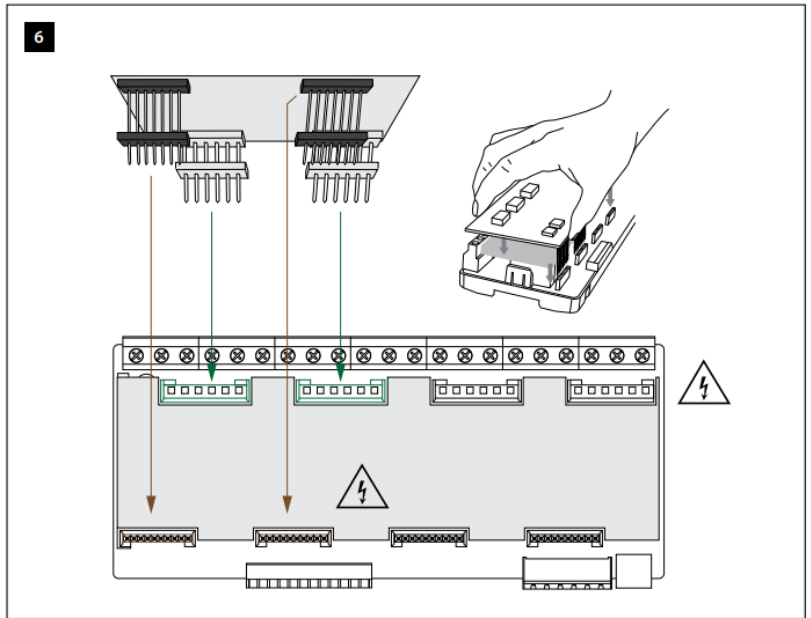
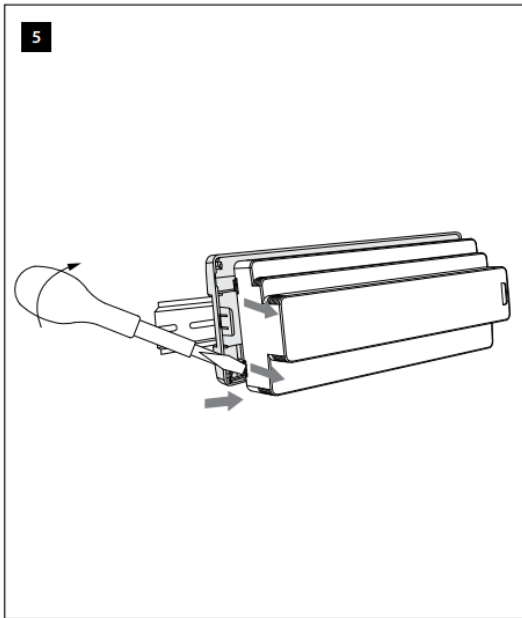


4 x 2 A
Leading Edge
dimmer module

DGTM402



4 x 2 A
Trailing Edge
dimmer module



7 A

DGCM102
1 x 2 A
curtain module

CH A ↑ N ↓ CH B

⊕ N L L CH1 N L CH2 N L CH3 N L CH4 N L CH5 N L CH6 N L CH7 N L CH8 N L
SUPPLY DA+ DA- DA+ DA- DA+ DA- DA+ DA- DA+ DA- DA+ DA- DA+ DA- DA+ DA-

Load Type	Output Ratings Per Channel
□ General use	2 A, 230 V ~
Ⓜ Motor x 1	4.4 FLA (1/6 HP), 120 V ~ 4.9 FLA (1/2 HP), 230 V ~

7 B

DGFM102
1 x 2 A
fan module

CH A ↑ N ↓ CH B

⊕ N L L CH1 N L CH2 N L CH3 N L CH4 N L CH5 N L CH6 N L CH7 N L CH8 N L
SUPPLY DA+ DA- DA+ DA- DA+ DA- DA+ DA- DA+ DA- DA+ DA- DA+ DA- DA+ DA-

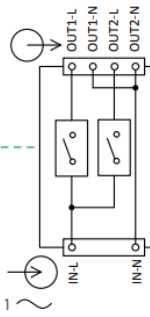
Load Type	Output Ratings Per Channel
Ⓜ Motor x 1	400 VA, 230 V ~

Not suitable for 120 V ~ (Not UL listed)

7 C

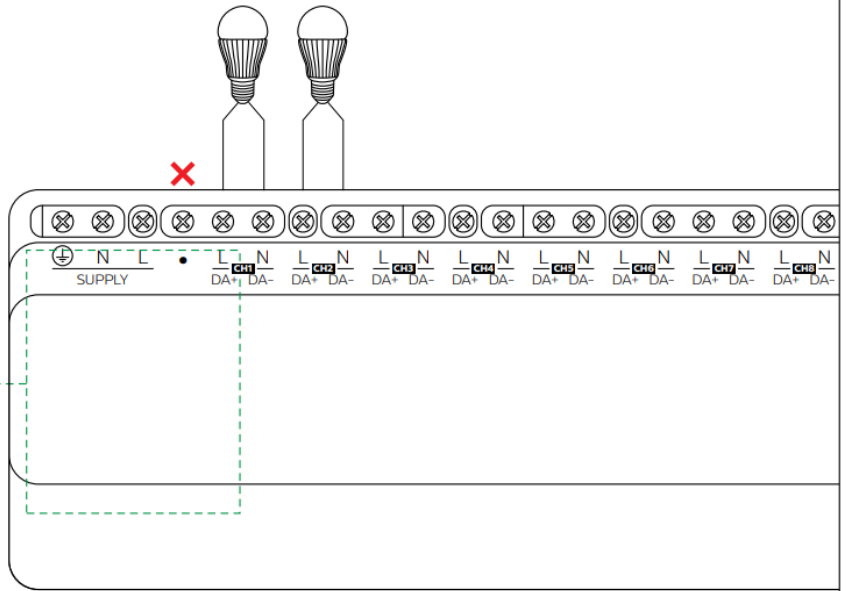


DGRM204
2 x 4 A
relay module

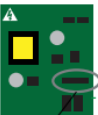


Load Type	Output Ratings Per Channel
General Use	4 A, 230 V ~
Incandescent	600 W, 120 V ~ 1100 W, 230 V ~
Magnetic with Halogen	2 A, 120 V ~
Electronic Driver	4 A, 120 V ~ 3 A, 230 V ~

Module Load ≤ 5 A

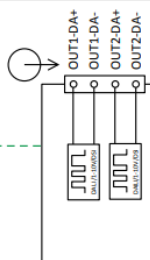


7 D





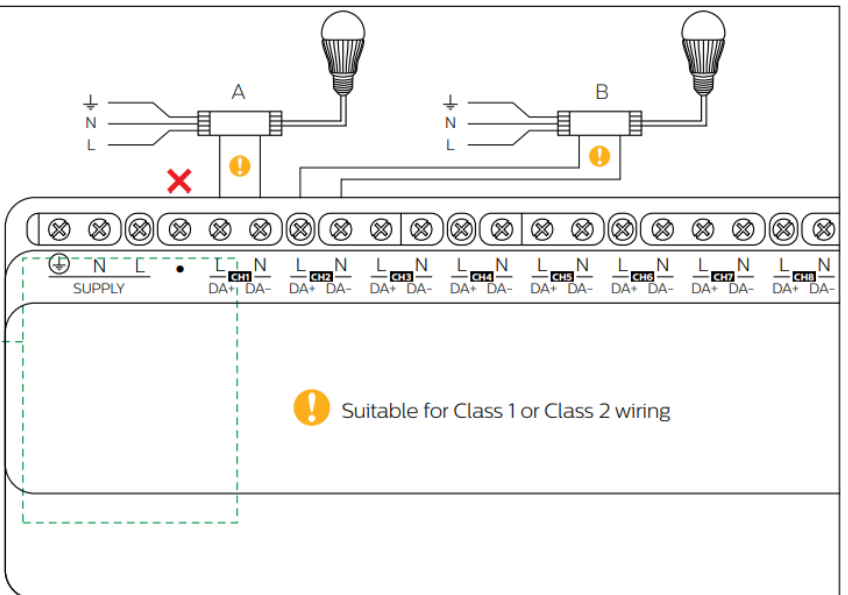
DGBM200
2 CH
ballast module

Protocol



Control Channel Ratings

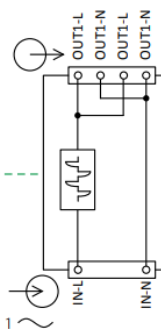
		
DALI Broad-cast / DSI	≤ 5/CH Guaranteed 10 mA, Maximum 250 mA Insulation: basic	≤ 10
1-10 V	Sink 10 mA / Source 10 mA	



7 E

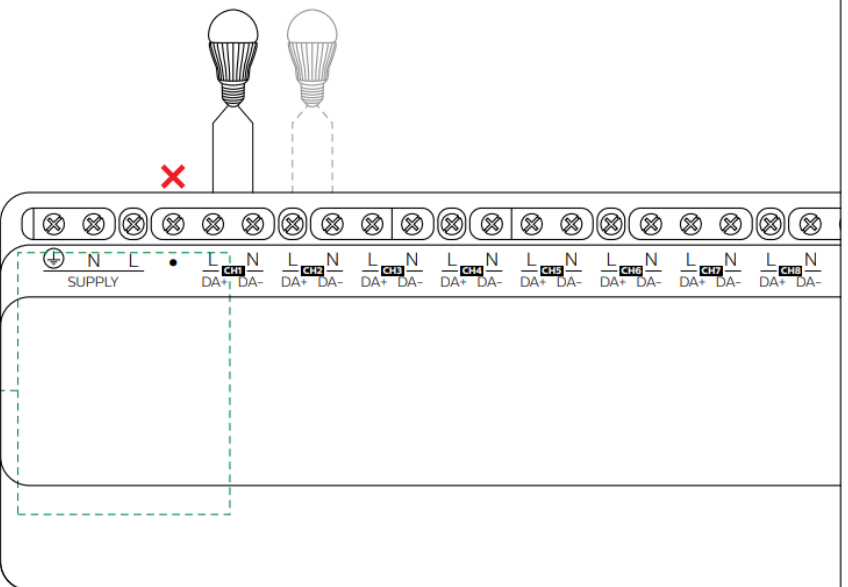


DGTM104
1 x 4 A
TE dimmer
module



Load Type	Output Ratings Per Channel
Incandescent	4 A, 120 (UL) / 230 V ~
Electronic Driver	4 A, 120 (UL) / 230 V ~

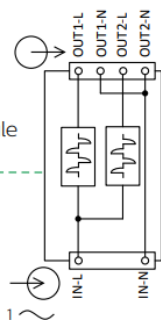
Not compatible with magnetic transformers.
Apply de-rating for electronic and LED loads.



7 F

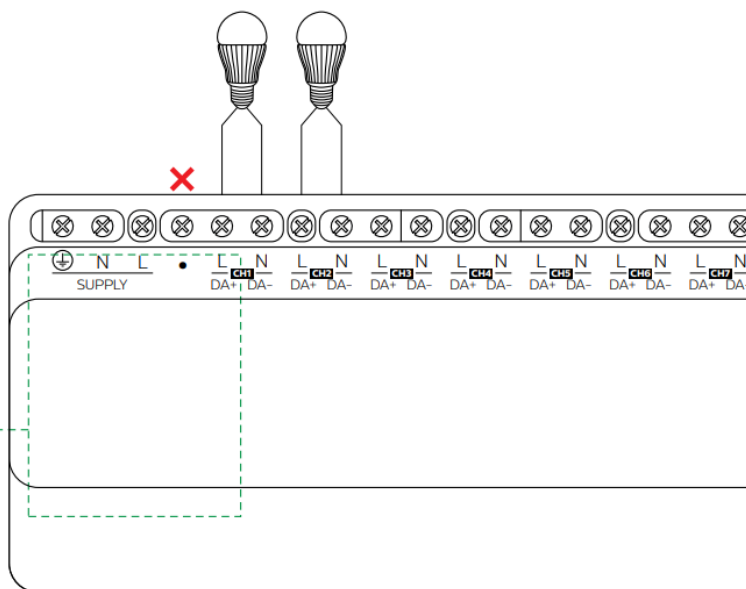


DGLM202
2 x 2 A
LE dimmer module



LoadType	Output Ratings Per Channel
Incandescent	2 A, 120 / 230 V ~
Magnetic with Halogen	2 A, 120 / 230 V ~
Electronic Driver*	2 A, 120 / 230 V ~

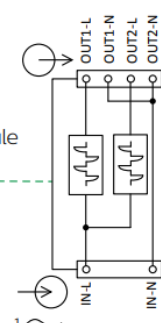
*can be limited by load capacitance.
Apply de-rating for electronic and LED loads.



7 G

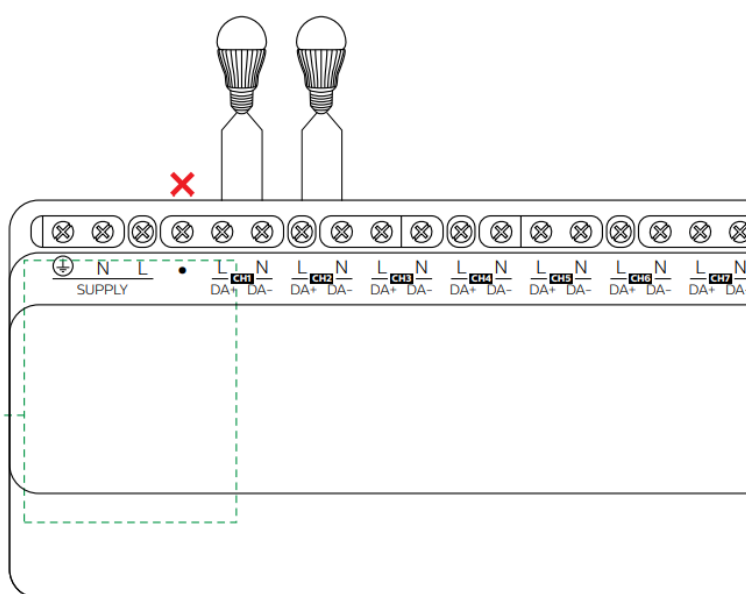


DGTM202
2 x 2 A
TE dimmer module

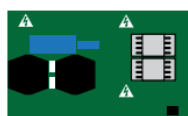


Load Type	Output Ratings Per Channel
Incandescent	2 A, 120 (UL) / 230 V ~
Electronic Driver	2 A, 120 (UL) / 230 V ~

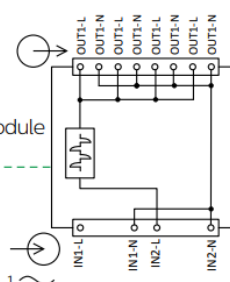
Not compatible with magnetic transformers.
Apply de-rating for electronic and LED loads.



7 H

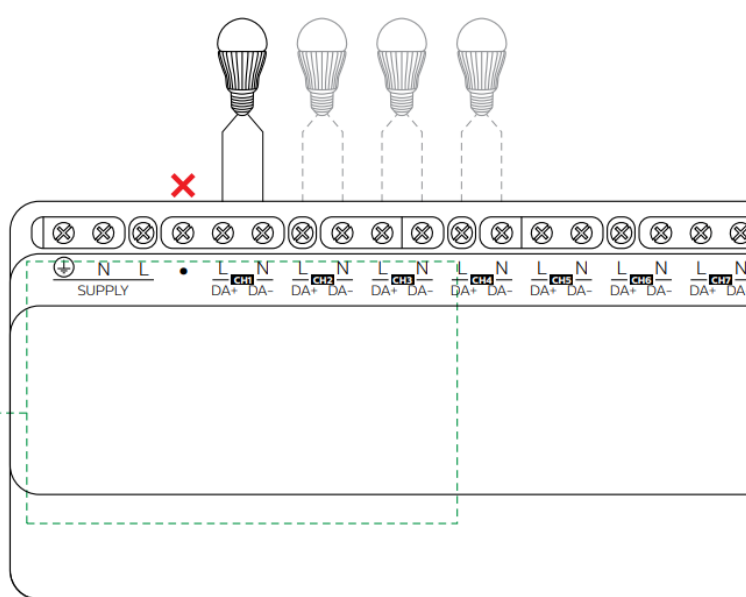


DGLM105
1 x 5 A
LE dimmer module



LoadType	Output Ratings Per Channel
Incandescent	5 A, 120 / 230 V ~
Magnetic with Halogen	5 A, 120 / 230 V ~
Electronic Driver*	5 A, 120 / 230 V ~

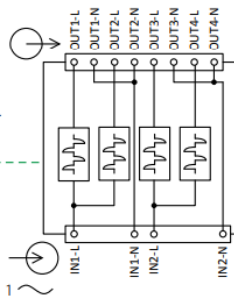
*can be limited by load capacitance
Apply de-rating for electronic and LED loads.



7 I

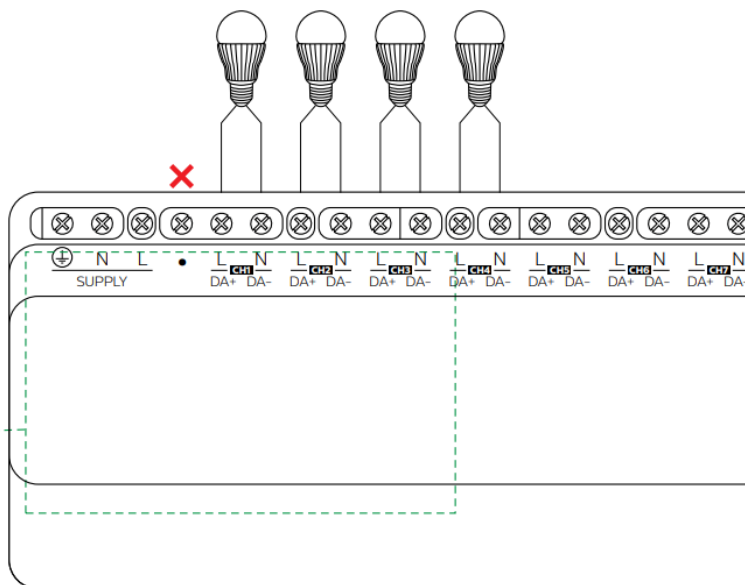


DGLM402
4 x 2 A
LE dimmer
module



Load Type	Output Ratings Per Channel
Incandescent	2 A, 120 / 230 V ~
Magnetic with Halogen	2 A, 120 / 230 V ~
Electronic Driver*	2 A, 120 / 230 V ~

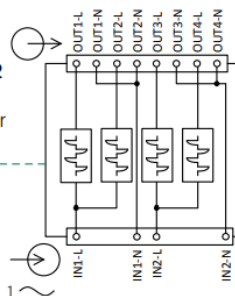
*can be limited by load capacitance
Apply de-rating for electronic and LED loads.



7 J

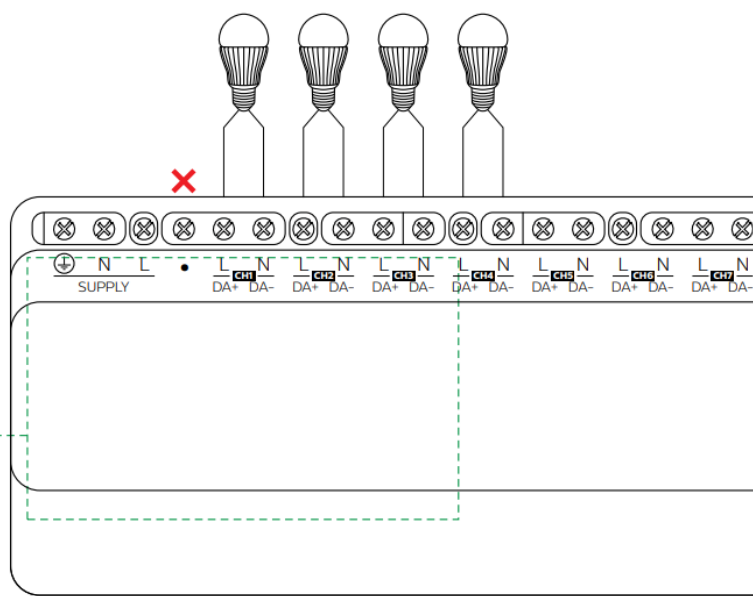


DGTM402
4 x 2 A
TE dimmer
module

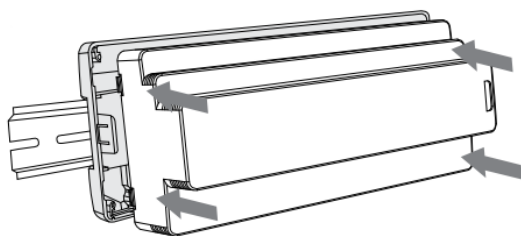


Load Type	Output Ratings Per Channel
Incandescent	2 A, 120 (UL) / 230 V ~
Electronic Driver	2 A, 120 (UL) / 230 V ~

Not compatible with magnetic transformers.
Apply de-rating for electronic and LED loads.

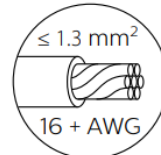
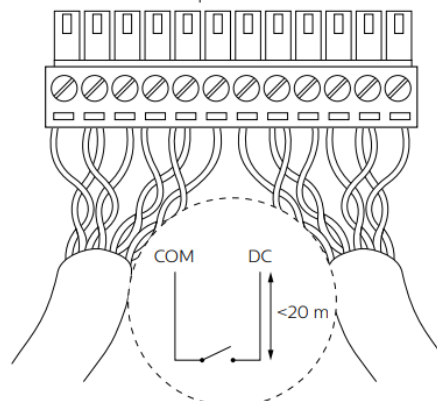


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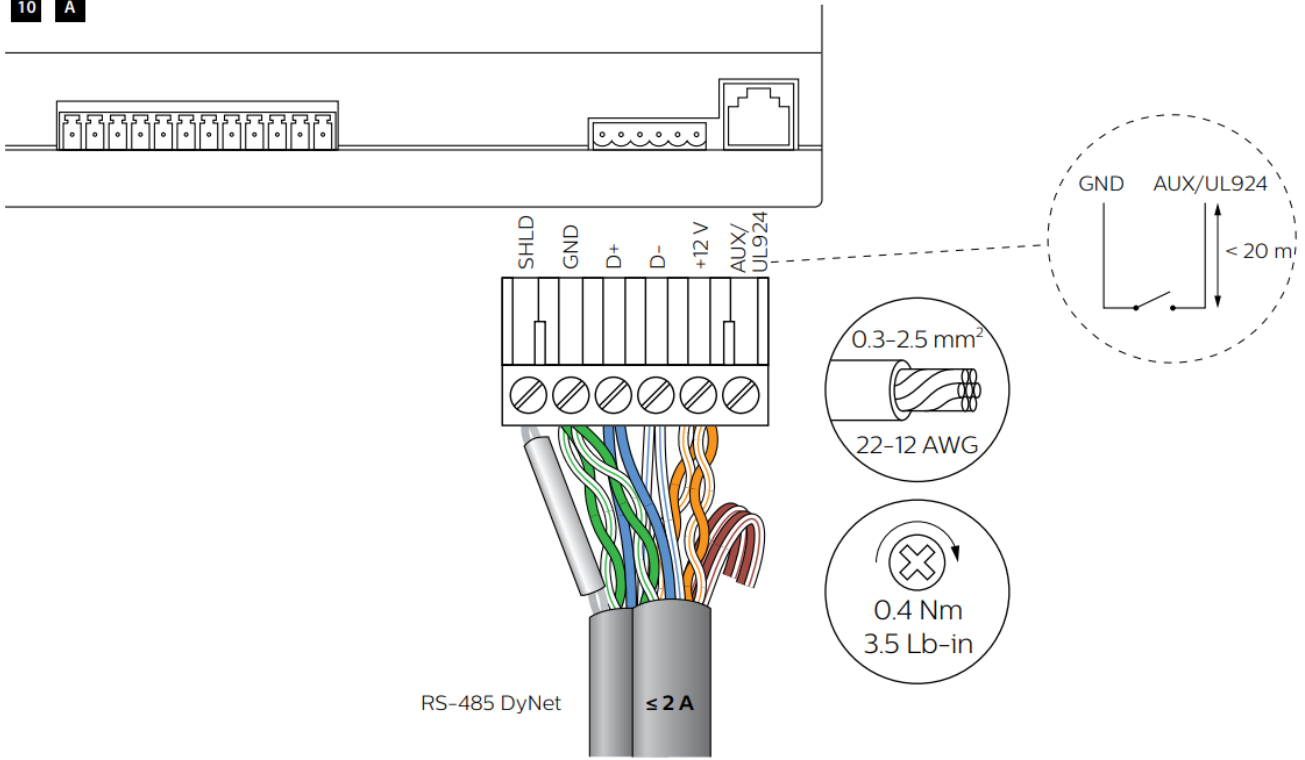


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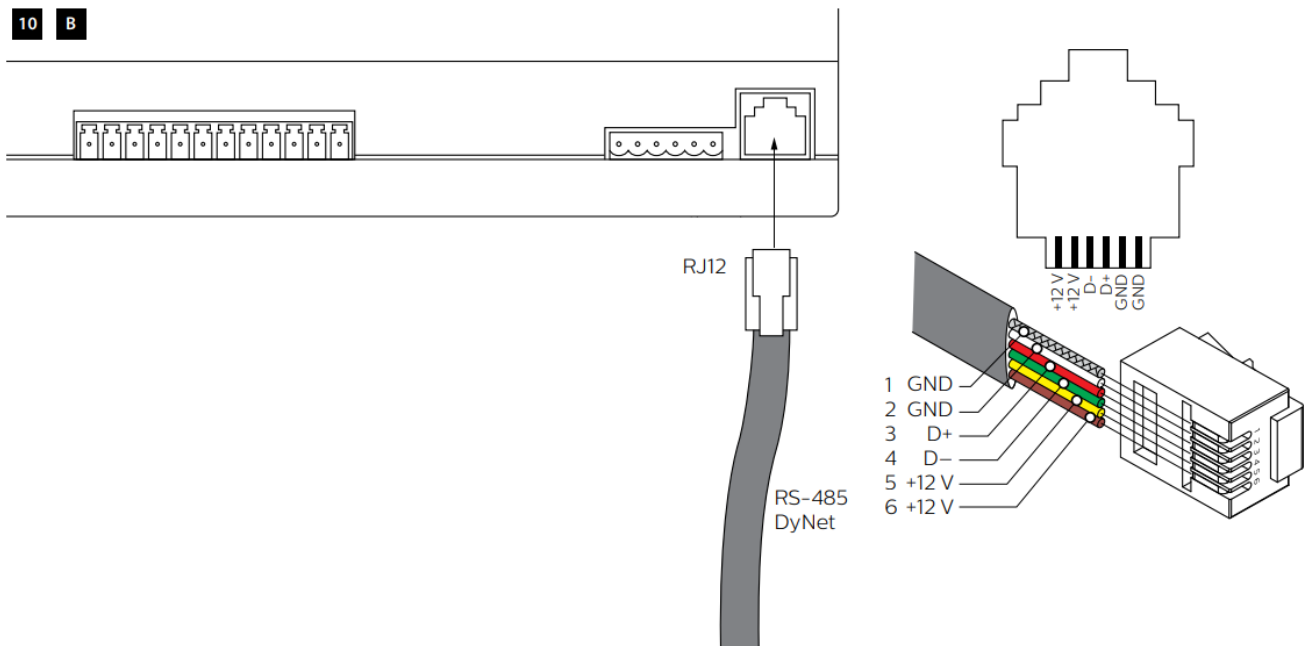
1 C 2 3 C 4 5 C 6 7 C 8



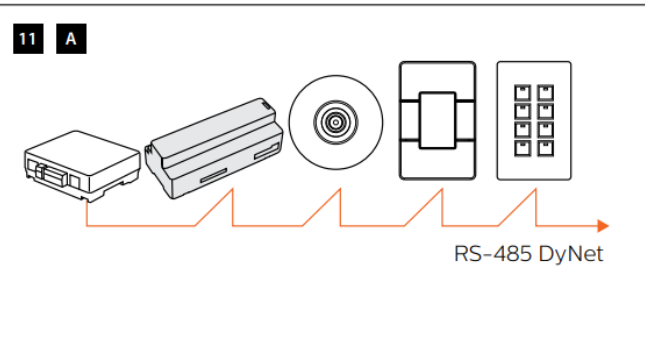
10 A



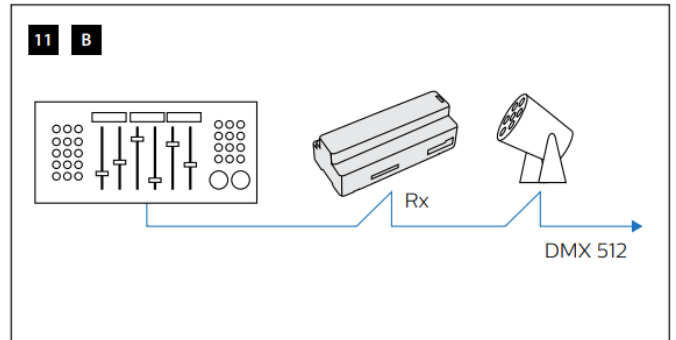
10 B



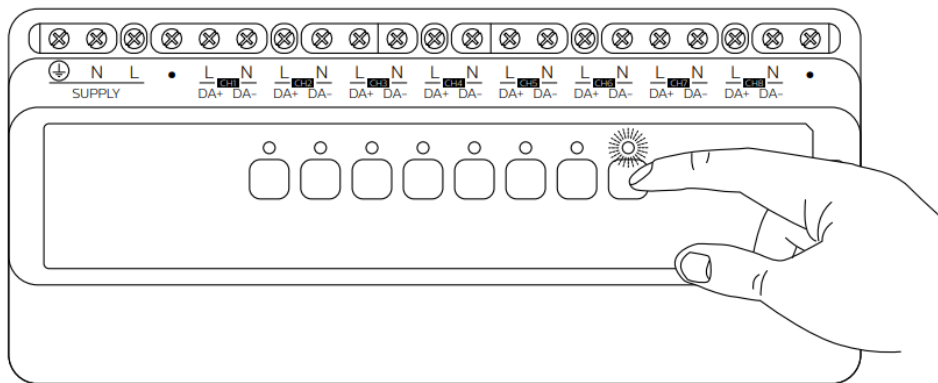
11 A



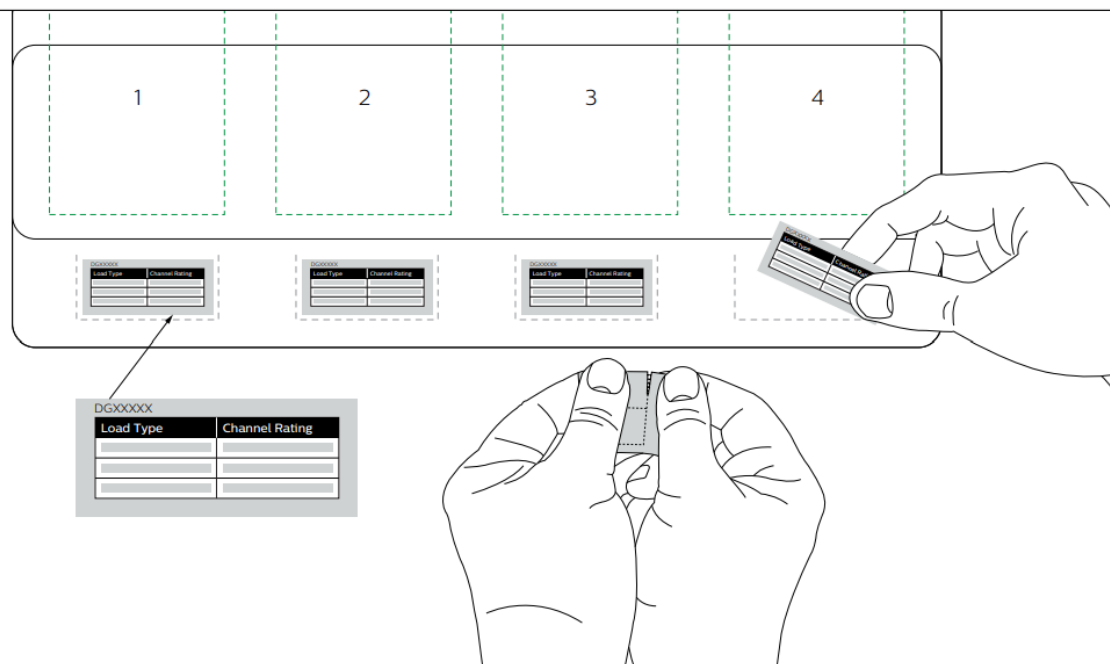
11 B



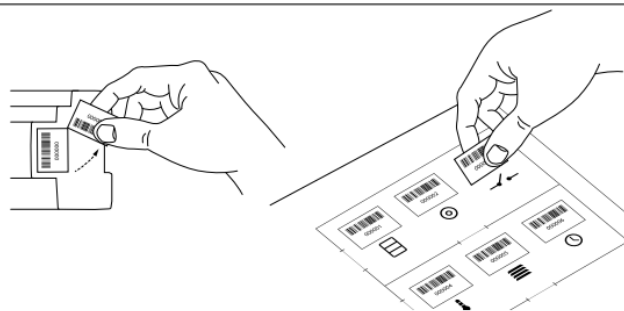
12



13



14



The manufacturer is not responsible for dimmable lamp selection. Each lamp/dimmer combination must be tested for compatibility prior to installation.



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). Cet appareil numérique de la classe B est conforme à la norme NMB003 du Canada: CAN ICES-3(B)/NMB-3(B).




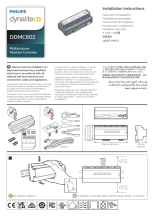


Installation of a home and building automation and control system shall comply with HD 60364-4-41. The temperature limits and current-carrying capacities for the communication wires specified in HD 384.5.523 shall not be exceeded.



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Documents / Resources

	<p>Philips DDMC802 Multipurpose Modular Controller [pdf] Installation Guide DDMC802 Multipurpose Modular Controller, DDMC802, Multipurpose Modular Controller, Modular Controller</p>
	<p>PHILIPS DDMC802 Multipurpose Modular Controller [pdf] Instruction Manual DDMC802, Multipurpose Modular Controller, Modular Controller, Multipurpose Controller, Controller, DDMC802</p>
	<p>PHILIPS DDMC802 Multipurpose Modular Controller [pdf] Instruction Manual DDMC802 Multipurpose Modular Controller, DDMC802, Multipurpose Modular Controller, Modular Controller, Controller</p>
	<p>PHILIPS DDMC802 Multipurpose Modular Controller [pdf] Instruction Manual DDMC802 Multipurpose Modular Controller, DDMC802, Multipurpose Modular Controller, Modular Controller, Controller</p>

References

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