



# PHILIPS DDMC802 Modular Controller Installation Guide

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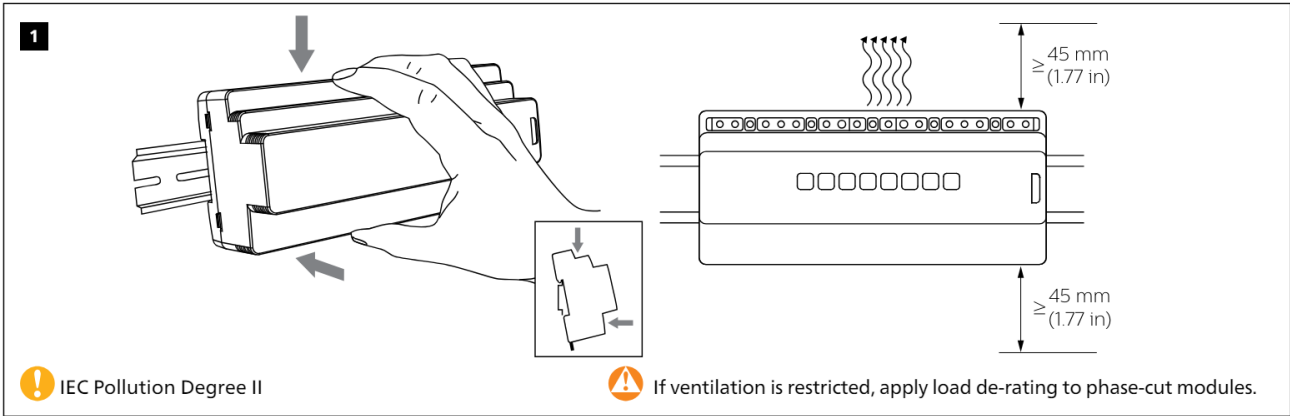
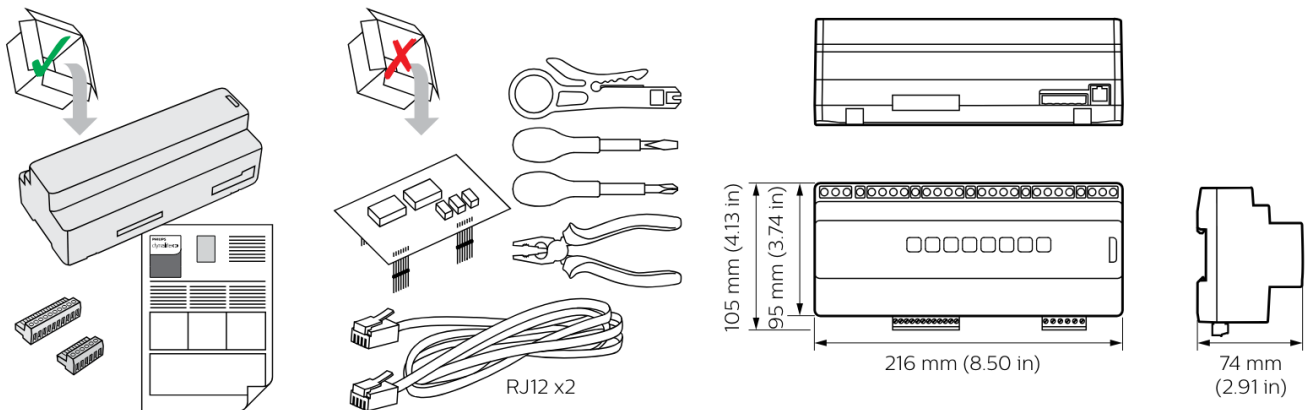
**DDMC802  
Modular Controller**

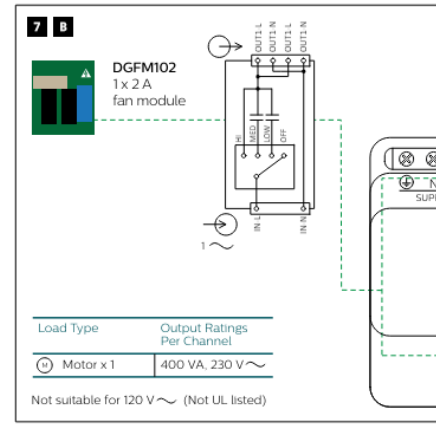
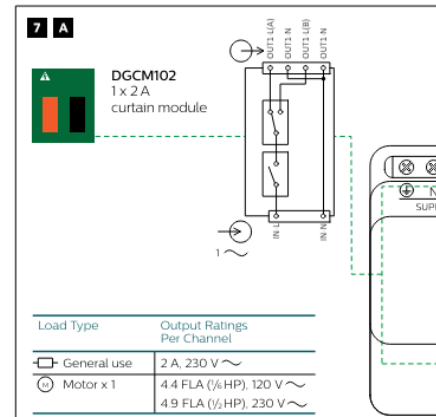
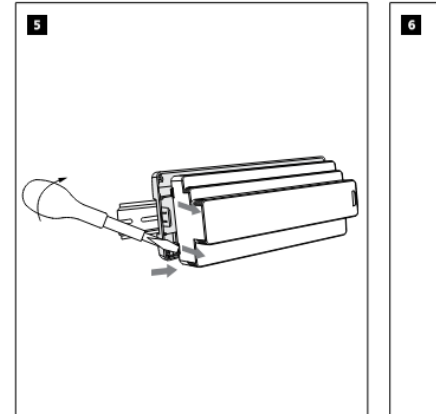
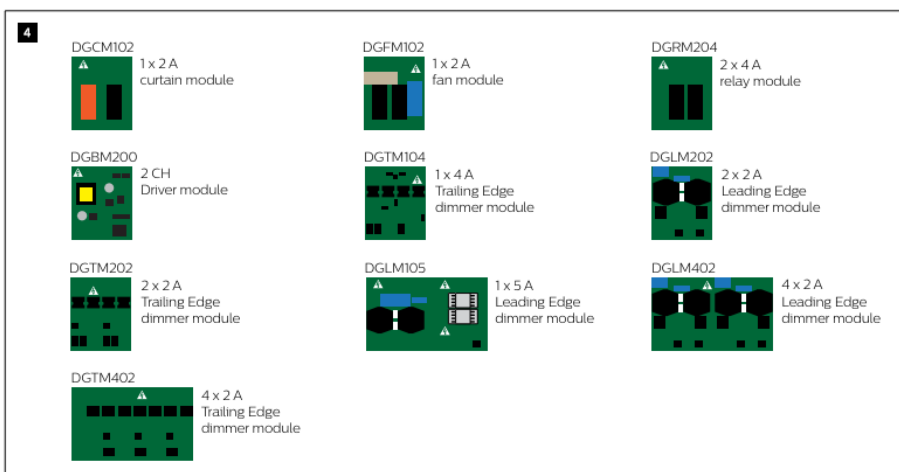
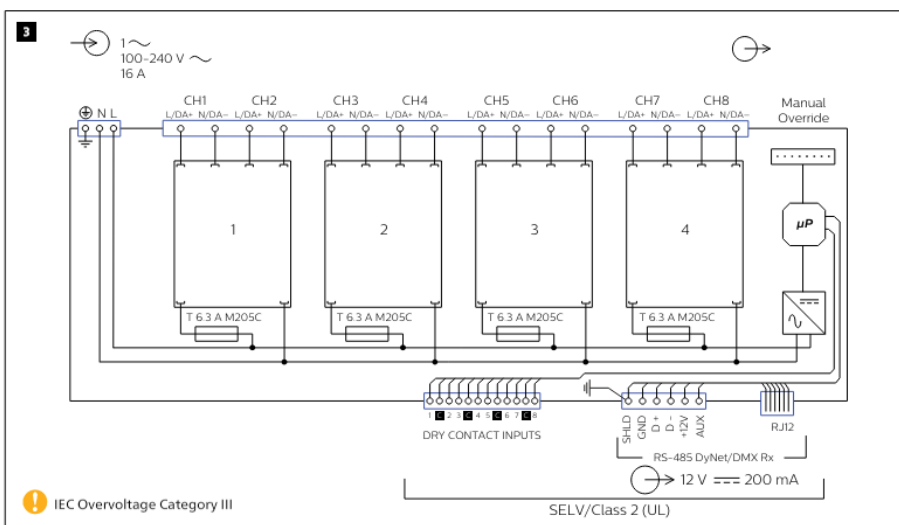
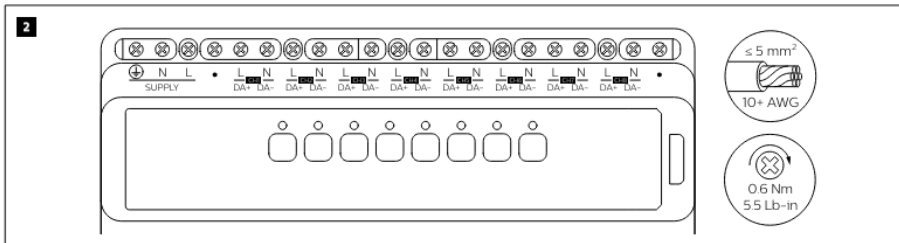
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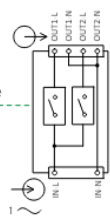
DDMC802 Modular Controller

 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.



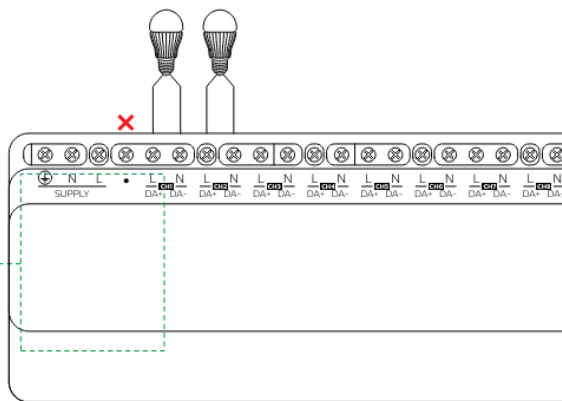


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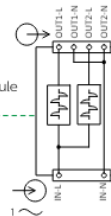


Load Type	Output Ratings Per Channel
General Use	4 A, 230 V ~
Incandescent	600 W, 120 V ~ 1100 W, 230 V ~
Magnetic with Halogen	2 A, 120 V ~
Electronic Driver	4 A, 120 V ~ 3 A, 230 V ~

Module Load ≤ 5 A



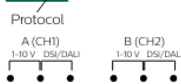
7 F



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 ~

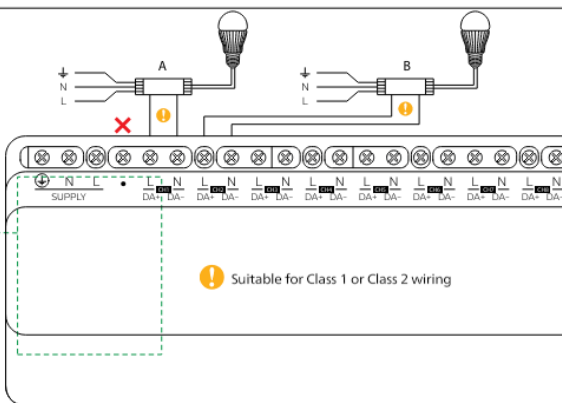
\*can be limited by load capacitance. Apply de-rating for electronic and LED loads.

7 D

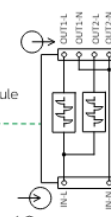


Control Channel Ratings

Protocol	Control Channel Ratings
A (CH1) 1-10 V, DS/DALI	≤ 5/CH Guaranteed 10 mA, Maximum 250 mA Insulation: basic
B (CH2) 1-10 V, DS/DALI	≤ 10
1-10 V	Sink 10 mA / Source 10 mA



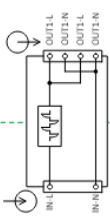
7 G



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

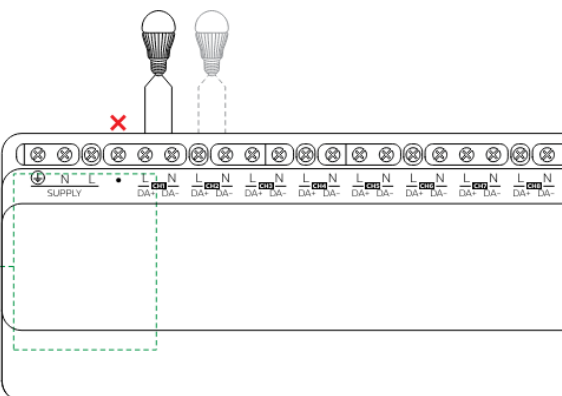
Not compatible with magnetic transformers. Apply de-rating for electronic and LED loads.

7 E

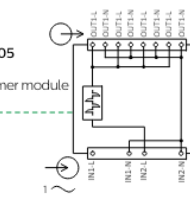
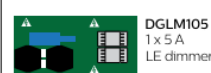


Load Type	Output Ratings Per Channel
Incandescent	4 A, 120 (UL) / 230 V ~
Electronic Driver	4 A, 120 (UL) / 230 V ~

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



7 H



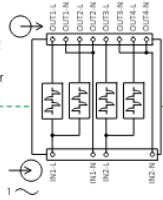
Load Type	Output Ratings Per Channel
Incandescent	5 A, 120 / 230 V ~
Magnetic with Halogen	5 A, 120 / 230 V ~
Electronic Driver*	5 A, 120 / 230 V ~

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

7 I

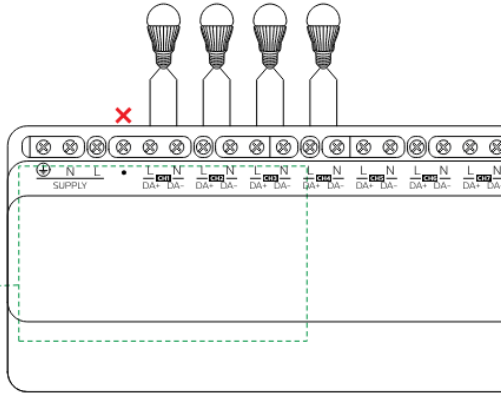


**DGLM402**  
4 x 2 A  
LE dimmer  
module



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 ~

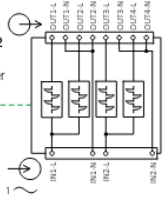
\*can be limited by load capacitance  
Apply de-rating for electronic and LED loads.



7 J

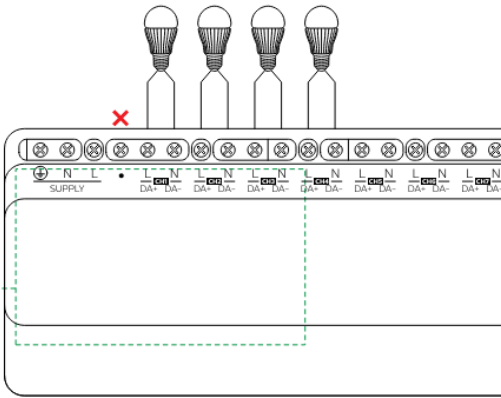


**DGTM402**  
4 x 2 A  
TE dimmer  
module

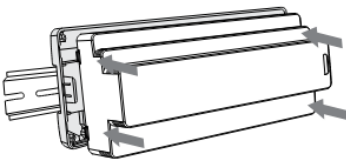


Load Type	Output Ratings Per Channel
Incandescent	2 A, 120 (UL) / 230 V ~
Electronic Driver	2 A, 120 (UL) / 230 V ~

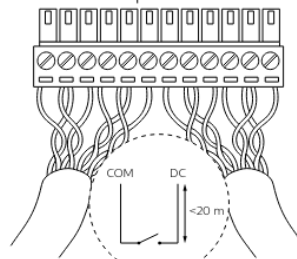
Not compatible with magnetic transformers.  
Apply de-rating for electronic and LED loads.



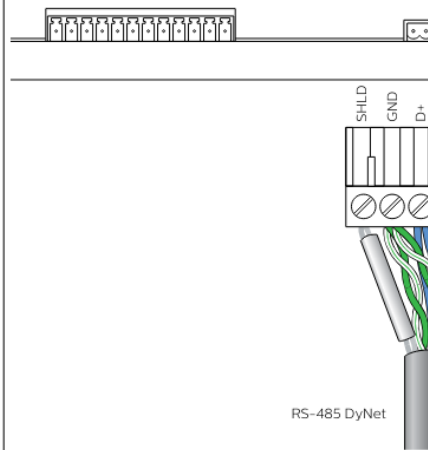
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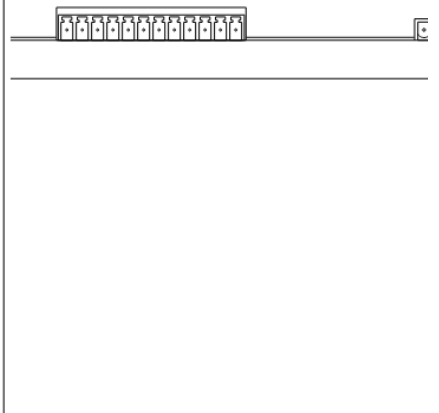
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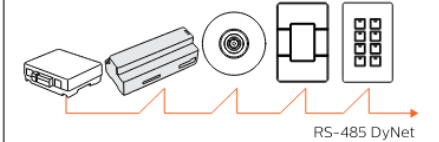
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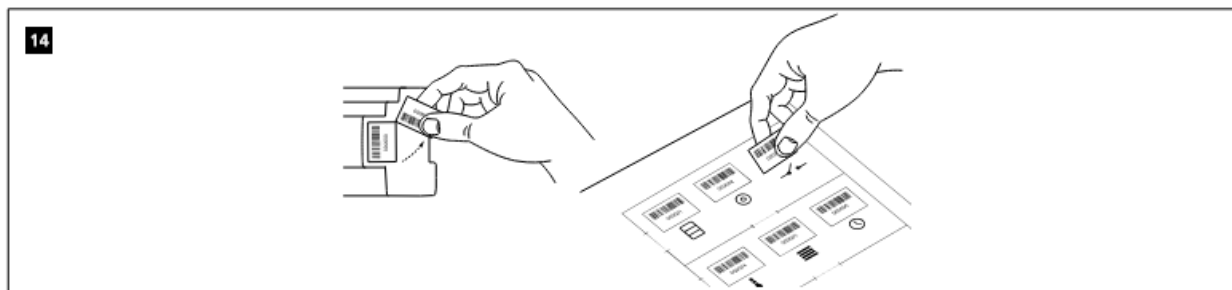
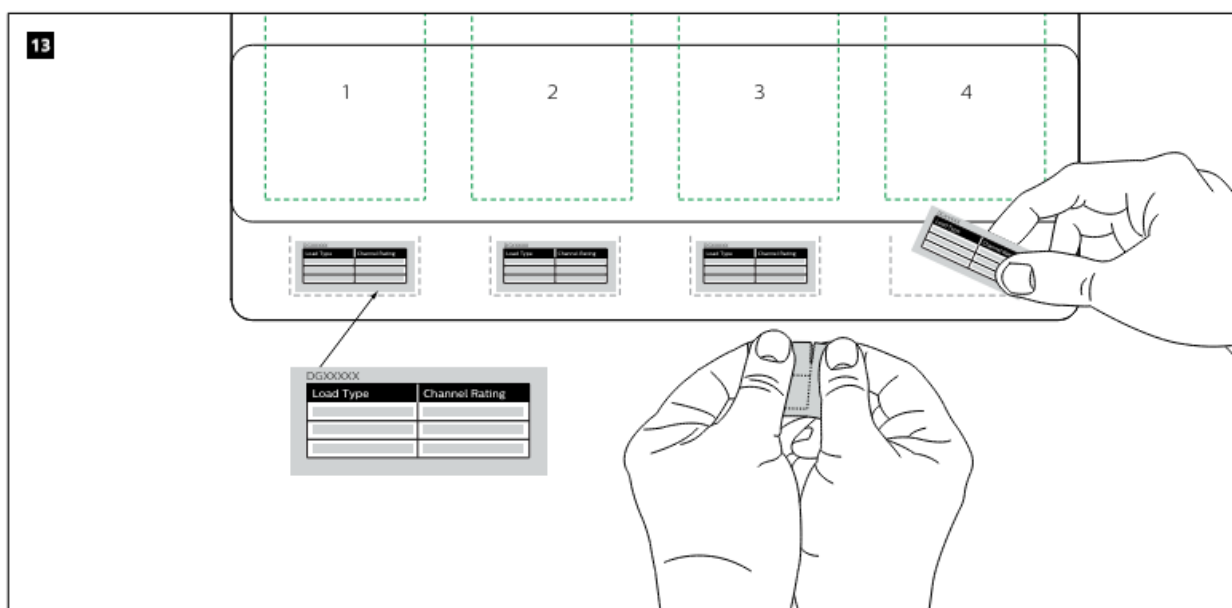
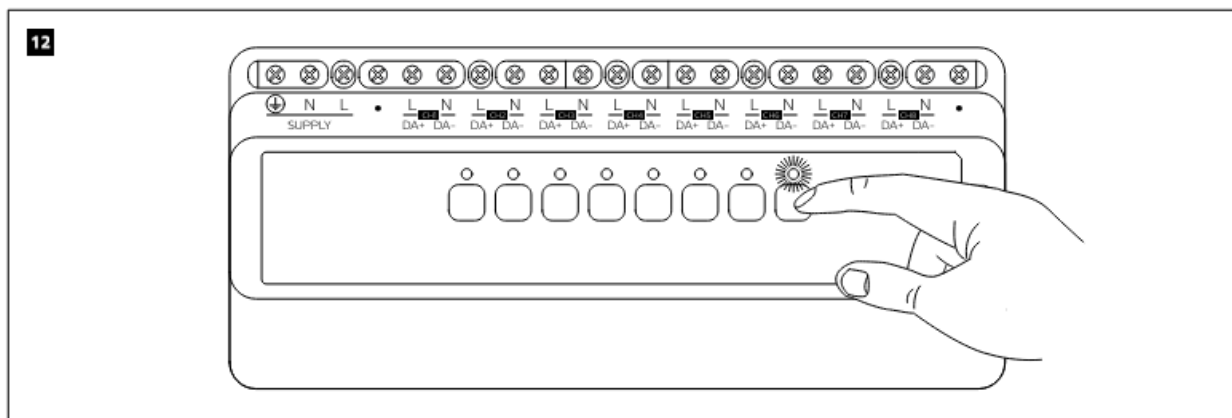



10 B




11 A





 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.

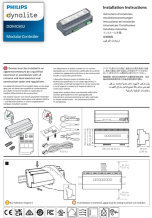
 This Class B digital apparatus complies with Canadian ICES-003: CAN ICES-3(B)/NMB-3(B).

Installation of a home and building automation and control system shall comply with IEC 60364 (all parts). The temperature limits and current-carrying capacities for the communication wires specified in IEC 60364-5-52 shall not be exceeded.

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Documents / Resources

	<p><a href="#">PHILIPS DDMC802 Modular Controller</a> [pdf] Installation Guide DDMC802 Modular Controller, DDMC802, Modular Controller, Controller</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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