



CSA C22.2 No. 284:16
National Standard of Canada
(reaffirmed 2020)



Nonindustrial photoelectric switches for lighting control



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Revision History

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Note: For information about the **Standards Update Service** or if you are missing any updates go to store.csagroup.org or techsupport@csagroup.org

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Update No. 2 — June 2020	Revision symbol (in margin)
Cover, Copyright page, Preface, Clause 8.1.13, and Table 42.1	
Note: Only the revised pages have been provided.	

National Standard of Canada — June 2020
Outside front cover, National Standard of Canada text, and title page.
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CSA C22.2 No. 284:16
***Nonindustrial photoelectric switches
for lighting control***



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Sixth Edition, Dated January 19, 2016

Summary of Topics

This revision dated June 26, 2020 incorporates the Addition of Requirements for Manufacturer's Recommended Field Wiring Terminal Tightening torque to Clause 8.1.13 and Table 42.1.

Text that has been changed in any manner or impacted by UL's electronic publishing system is marked with a vertical line in the margin.

The new and revised requirements are substantially in accordance with Proposal(s) on the subject dated November 15, 2019.

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INTRODUCTION

1 Scope

1.1 Requirements contained in this Standard cover controls of the light-sensitive or presence-sensitive types, or both; for indoor or outdoor service; intended for the control of indoor or outdoor loads up to a maximum of 20 A and maximum 347 V; intended for installations on 50 Hz or 60 HZ systems or DC up to 60 V (for US); and DC up to 42.4 V (for Canada); and intended to be installed in accordance with the National Electrical Code (NEC), NFPA 70, the Canadian Electrical Code (CE Code) Part I, CSA C22.2 No. 0, and NOM 001 SEDE.

1.2 These requirements do not cover controls intended to be used under the following conditions:

- a) Devices that are locking type, used for area or roadway lighting fixtures;
- b) Devices that monitor or control safety critical loads or personal protection circuits;
- c) Devices intended to be installed in areas designated hazardous locations;
- d) Devices intended to be installed for manufacturing process control.

2 General

2.1 Components

2.1.1 A component of a product covered by this standard shall comply with the requirements for that component. A component shall be used in accordance with its rating established for the intended conditions of use.

2.1.2 A component is not required to comply with a specific requirement that:

- a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard;
- b) Is superseded by a requirement in this standard.

2.1.3 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.