



Certificate of Compliance

Certificate: 70001628

Master Contract: 232867 (232867)

Project: 70164891

Date Issued: 2018-01-08

Issued to: Leuze electronic GmbH+Co.KG
In der Braike 1
Owen, 73277
GERMANY

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Franklin ten Haaf

Issued by: Franklin ten Haaf

PRODUCTS

CLASS - C321107 - INDUSTRIAL CONTROL EQUIPMENT-Miscellaneous Apparatus

CLASS - C321187 - INDUSTRIAL CONTROL EQUIPMENT-Miscellaneous Apparatus - Certified to US Standards

Light Curtain System, MLC, CML and CSL series.

Light Curtain System, MLC, CML and CSL series.

Catalogue number	Power Consumption		Enclosure Type
	Voltage [Vdc]	Current [mA]	
MLC 1..-T	24 ± 20%	50	CSA Enclosure Type 1
MLC 1..-R	24 ± 20%	150	CSA Enclosure Type 1
MLC 3..-T	24 ± 20%	50	CSA Enclosure Type 1
MLC 3..-R	24 ± 20%	150	CSA Enclosure Type 1
MLC 5..-T	24 ± 20%	50	CSA Enclosure Type 1
MLC 5..-R	24 ± 20%	150	CSA Enclosure Type 1
CML 7..-T	18 - 30	880	CSA Enclosure Type 1
CML 7..-R	18 - 30	880	CSA Enclosure Type 1
CSL 7..-T	18 - 30	880	CSA Enclosure Type 1
CSL 7..-R	18 - 30	880	CSA Enclosure Type 1



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Note:

1. Suffixes may be added to the Catalogue numbers, to denote the type of device and functional variations.
2. The current consumption mentioned above is the maximum current without load. For series CML and CSL the current consumption depends on the length: the longer, the higher the current.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 0 - 10 - General Requirements

CSA C22.2 No. 14 - 13 - Industrial Control Equipment

UL 508, Edition 17 - Industrial Control Equipment



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70164891	January 8, 2018	Update to report for adding new MLC light curtain system models and updating its nomenclature breakdown
70146879	July 14, 2017	Update to report to correct a failure the report.
70111081	Dec. 13, 2016	Update to report to cover change of the power consumption of model CML and the addition of model CSL.
70059742	Feb. 26, 2016	Update to report to cover model MLC...V and to cover small changes on PWB.
70025506	March 13, 2015	Update to cover additions to the nomenclature breakdown and a change in the design of model MLC and addition of model CSL.
70001628	July 11, 2013	Original Certification of series MLC and CML. According to CSA C22.2 No 14-13 and UL508, Edition 17.