

Specifications



Photo is representative



Eaton 171461

Eaton Moeller® series SL7 Continuous light module, blue, LED, 24 V

General specifications

PRODUCT NAME	Eaton Moeller® series SL7 Continuous light module
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CATALOG NUMBER	171461
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MODEL CODE	SL7-L24-B
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EAN	4015081677894
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PRODUCT LENGTH/DEPTH	73 mm
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PRODUCT HEIGHT	73 mm
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PRODUCT WIDTH	73 mm
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PRODUCT WEIGHT	0.08 kg
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CERTIFICATIONS	CSA Class No.: NKCR7 CSA-C22.2 No. 94-91 IEC/EN 60529 UL Category Control No.: NKCR UL 508 UL report applies to both US and Canada CSA-C22.2 No. 14-10 CE Certified by UL for use in Canada IEC/EN 60947-5-1 UL File No.: E29184 UL
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Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	60 °C
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AMBIENT OPERATING TEMPERATURE - MIN	-30 °C
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CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30
	Damp heat, constant, to IEC 60068-2-78

Features & functions

COLOR	Blue
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ENCLOSURE COLOR	Black
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FUNCTIONS	Continuous light
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LIGHT MODULES	LED
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NUMBER OF MODULES	Max. 10 (with base for mounting on both sides)
	Max. 5 (with standard base)

Electrical rating

LEAKAGE CURRENT	0.003 A
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RATED INSULATION VOLTAGE (UI)	250 V
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RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	24 V
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RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN	24 V
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RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	24 V
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RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN	24 V
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General information

CONNECTION TO SMARTWIRE-DT	No
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CURRENT CONSUMPTION	50 mA at 24 V AC/DC
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DEGREE OF PROTECTION	IP66 NEMA 13
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LIFESPAN, ELECTRICAL	100,000 h
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LIGHT TYPE	Continuous light
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MATERIAL	Cap: Polycarbonate (PC) Enclosure: Polycarbonate (PC)
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MOUNTING POSITION	As required
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OVERVOLTAGE CATEGORY	III
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POLLUTION DEGREE	3
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PRODUCT CATEGORY	SL signal towers
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RADIATION ANGLE	360 °
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RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC
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SHOCK RESISTANCE	15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
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TYPE	Continuous light module
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VOLTAGE TYPE	AC/DC
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Resources

BROCHURES	SL4, SL7, SLC Stack light overview brochure BR047017
CATALOGUES	eaton-rmq-titan-brochure-br047004en-en-us.pdf eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-continuous-light-module-declaration-of-conformity-uk251039en.pdf eaton-continuous-light-module-declaration-of-conformity-eu250556en.pdf
DRAWINGS	eaton-operating-dimensions-005.eps eaton-operating-button-sl7-continuous-light-symbol-005.eps eaton-operating-sl7-continuous-light-symbol-002.eps
ECAD MODEL	ETN.171461.edz
INSTALLATION INSTRUCTIONS	IL047004ZU
INSTALLATION VIDEOS	Signal towers SL4 and SL7
MCAD MODEL	eaton-light-modules-mcad-drawings-sl7-bfl7.dwg DA-CS-sl7_bfl7

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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