Specifications



Photo is representative





Eaton 171422

Eaton Moeller® series SL7 Strobe light module, red, high power LED, 24 V

General specifications	
PRODUCT NAME	Eaton Moeller® series SL7 Strobe light module
CATALOG NUMBER	171422
MODEL CODE	SL7-FL24-R-HP
EAN	4015081679515
PRODUCT LENGTH/DEPTH	73 mm
PRODUCT HEIGHT	73 mm
PRODUCT WIDTH	73 mm
PRODUCT WEIGHT	0.09 kg
CERTIFICATIONS	CE CSA Class No.: NKCR7 IEC/EN 60529 UL 508 CSA-C22.2 No. 94-91 IEC/EN 60947-5-1 UL report applies to both US and Canada UL Category Control No.: NKCR UL File No.: E29184 Certified by UL for use in Canada CSA-C22.2 No. 14-10 UL

Climatic environmental conditions

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

Electrical rating

LEAKAGE CURRENT	0.003 A
RATED INSULATION VOLTAGE (UI)	250 V
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	26 V
RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN	18 V
RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	30 V
RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN	18 V

Features & functions

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

General information

CONNECTION TO SMARTWIRE-DT	No
CURRENT CONSUMPTION	max. 130 mA at 24 V AC/DC
DEGREE OF PROTECTION	NEMA 4 IP66
FLASHING FREQUENCY	1.4 Hz
LIFESPAN, ELECTRICAL	50,000 h
LIGHT TYPE	Strobe light
MATERIAL	Enclosure: Polycarbonate (PC) Cap: Polycarbonate (PC)
MOUNTING POSITION	As required
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
PRODUCT CATEGORY	SL signal towers
RADIATION ANGLE	360 °
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC
SHOCK RESISTANCE	15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
TYPE	• High-performance LED for maximum signaling effect • Strobe light module
VOLTAGE TYPE	AC/DC

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-sl7-strobe-light-module-symbol-002.eps eaton-operating-button-symbol-009.eps
ECAD MODEL	ETN.171422.edz
INSTALLATION INSTRUCTIONS	IL047004ZU
INSTALLATION VIDEOS	Signal towers SL4 and SL7
MCAD MODEL	DA-CS-sl7_bfl7

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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

Follow us on social media to get the latest product and support information.

© 2026 Eaton. All Rights Reserved.