Specifications



Photo is representative





Eaton 171431

Eaton Moeller® series SL7 Continuous light module, yellow, high power LED, 24 V

General specifications	
PRODUCT NAME	Eaton Moeller® series SL7 Continuous light module
CATALOG NUMBER	171431
MODEL CODE	SL7-L24-Y-HP
EAN	4015081677634
PRODUCT LENGTH/DEPTH	73 mm
PRODUCT HEIGHT	73 mm
PRODUCT WIDTH	73 mm
PRODUCT WEIGHT	0.088 kg
CERTIFICATIONS	CE UL report applies to both US and Canada CSA Class No.: NKCR7 UL UL 508 Certified by UL for use in Canada CSA-C22.2 No. 94-91 IEC/EN 60947-5-1 UL File No.: E29184 CSA-C22.2 No. 14-10 UL Category Control No.: NKCR IEC/EN 60529

Climatic environmental conditions

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

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

General information

CONNECTION TO SMARTWIRE-DT	No
CURRENT CONSUMPTION	50 mA at 24 V AC/DC
DEGREE OF PROTECTION	IP66 NEMA 4X
LIFESPAN, ELECTRICAL	50,000 h
LIGHT TYPE	Continuous light
MATERIAL	Cap: Polycarbonate (PC) Enclosure: 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	Mechanical, According to IEC/EN 60068-2-27 15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
TYPE	• Continuous light module • High-performance LED for maximum signaling effect
VOLTAGE TYPE	AC/DC

Resources

BROCHURES	SL4, SL7, SLC Stack light overview brochure BR047017
CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf eaton-rmq-titan-brochure-br047004en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-continuous-light-module-declaration-of-conformity-eu250556en.pdf eaton-continuous-light-module-declaration-of-conformity-uk251039en.pdf
DRAWINGS	eaton-operating-dimensions-005.eps eaton-operating-sl7-continuous-light-symbol-003.eps eaton-operating-button-sl7-continuous-light-symbol-004.eps
ECAD MODEL	ETN.171431.edz
INSTALLATION INSTRUCTIONS	IL047004ZU
INSTALLATION VIDEOS	Signal towers SL4 and SL7
MCAD MODEL	DA-CS-sl7_bfl7

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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