

Specifications



Eaton 171425

Eaton Moeller® series SL7 Complete device, red-yellow-green, LED, 24 V, including base 100mm

General specifications

PRODUCT NAME	Eaton Moeller® series SL7 Signal tower
CATALOG NUMBER	171425
MODEL CODE	SL7-100-L-RYG-24LED
EAN	4015081677573
PRODUCT LENGTH/DEPTH	73 mm
PRODUCT HEIGHT	373 mm
PRODUCT WIDTH	73 mm
PRODUCT WEIGHT	0.504 kg
CERTIFICATIONS	CSA-C22.2 No. 94-91 UL File No.: E29184 UL report applies to both US and Canada IEC/EN 60529 UL CE CSA Class No.: NKCR7 CSA-C22.2 No. 14-10 UL 508 UL Category Control No.: NKCR Certified by UL for use in Canada IEC/EN 60947-5-1
CATALOG NOTES	The value specified for the leakage current shall apply per module.

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
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Features & functions

COLOR	Green Yellow Red
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FITTED WITH:	100 mm tube Foot
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LIGHT MODULES	LED
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NUMBER OF MODULES	3
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Electrical rating

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

CONNECTION TO SMARTWIRE-DT	No
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CURRENT CONSUMPTION	0.049 - 0.054 A, at 24 V AC/DC The value specified for the current consumption at 24 V AC/DC applies to each module.
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DEGREE OF PROTECTION	IP66 NEMA 4X, 13
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LIFESPAN, ELECTRICAL	100,000 h
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LIGHT TYPE	Continuous light
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MATERIAL	Enclosure: Polycarbonate (PC) Cap: Polycarbonate (PC)
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MOUNTING METHOD	Standard stacklight base
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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	Complete device
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VOLTAGE TYPE	AC/DC
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Terminal capacities

TERMINAL CAPACITY

0.25 - 1.5 mm², flexible
with ferrule with plastic
collar
0.13 - 2.5 mm², solid or
flexible conductor
24 - 14 AWG

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-sl7-
complete-device-
dimensions-002.eps](#)

[eaton-operating-sl7-
complete-device-3d-
drawing-002.eps](#)

[eaton-operating-sl7-
continuous-light-symbol-
002.eps](#)

[eaton-operating-module-
sl7-complete-device-
symbol-002.eps](#)

ECAD MODEL

[ETN.SL7-100-L-RYG-24LED](#)

INSTALLATION INSTRUCTIONS

[IL047003ZU](#) [IL047004ZU](#)

INSTALLATION VIDEOS

[Signal towers SL4 and SL7](#)

MCAD MODEL

[eaton-assembled-units-
mcad-drawings-sl7-100-l-
ryg-24led.dwg](#)

[DA-CS-sl7 100 l ryg 24led](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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