

# Specifications



## Eaton 216779

Eaton Moeller® series M22 Indicator light, RMQ-Titan, Extended, conical, Red

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series M22 Indicator light
<b>CATALOG NUMBER</b>	216779
<b>MODEL CODE</b>	M22-LH-R
<b>EAN</b>	4015082167790
<b>PRODUCT LENGTH/DEPTH</b>	30 mm
<b>PRODUCT HEIGHT</b>	38 mm
<b>PRODUCT WIDTH</b>	30 mm
<b>PRODUCT WEIGHT</b>	0.007 kg
<b>CERTIFICATIONS</b>	CSA-C22.2 No. 94-91 CSA CSA-C22.2 No. 14-05 IEC/EN 60947-5 CE IEC/EN 60947 CSA Class No.: 3211-03 VDE 0660 UL UL File No.: E29184 UL 508 UL Category Control No.: NKCR CSA File No.: 012528
<b>GLOBAL CATALOG</b>	216779

## Product specifications

<b>TYPE</b>	Indicator lights
<b>10.10 TEMPERATURE RISE</b>	Not applicable.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Please enquire
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC</b>	Does not apply, since the entire switchgear needs to

## Resources

### CATALOGS

[Flip catalog - Product Range Catalog - Command and indication](#)

[eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

[eaton-rmq-titan-brochure-br047004en-en-us.pdf](#)

### DECLARATIONS OF CONFORMITY

[eaton-indicator-light-declaration-of-conformity-eu250860en.pdf](#)

[eaton-indicator-light-declaration-of-conformity-eu250862en.pdf](#)

[eaton-pushbutton-declaration-of-conformity-eu250858en.pdf](#)

[eaton-accessory-declaration-of-conformity-eu250861en.pdf](#)

[eaton-operating-m22-indicator-light-dimensions.eps](#)

[eaton-operating-indication-m22-indicator-light-dimensions-007.eps](#)

[eaton-operating-indication-m22-indicator-light-dimensions-006.eps](#)

[eaton-operating-indication-m22-indicator-light-dimensions-002.eps](#)

[eaton-general-m22-symbol.eps](#)

[eaton-general-m22-standards.eps](#)

[eaton-operating-button-symbol-006.eps](#)

[eaton-general-approval-m22-symbol.eps](#)

[eaton-operating-indication-m22-indicator-light-3d-drawing-005.eps](#)

### DRAWINGS

<b>SHOCK</b>	be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>FITTED WITH:</b>	Front ring
<b>POLLUTION DEGREE</b>	3
<b>CLIMATIC PROOFING</b>	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
<b>CONNECTION TO SMARTWIRE-DT</b>	Yes With SWD-RMQ connections
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	4000 V AC
<b>BEZEL COLOR</b>	Chrome
<b>SHOCK RESISTANCE</b>	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
<b>BEZEL MATERIAL</b>	Other
<b>TERMINAL CAPACITY</b>	0.5 - 1.5 mm <sup>2</sup> , stranded 0.5 - 1.5 mm <sup>2</sup> , solid
<b>LENS COLOR</b>	Red
<b>DESIGN</b>	Extended, conical
<b>MOUNTING POSITION</b>	As required
<b>OVERVOLTAGE CATEGORY</b>	III
<b>DEGREE OF PROTECTION</b>	NEMA 4X, 13
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT OPERATING</b>	-25 °C

<b>ECAD MODEL</b>	<a href="#">ETN.216779.edz</a>
<b>FLYERS</b>	<a href="#">eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf</a>
<b>INSTALLATION INSTRUCTIONS</b>	<a href="#">IL04716002Z</a>
<b>INSTALLATION VIDEOS</b>	<a href="#">RMQ Flat Design</a>
<b>MCAD MODEL</b>	<a href="#">DA-CD-leuchtmelder hoch</a> <a href="#">DA-CS-leuchtmelder hoch</a>
<b>MULTIMEDIA</b>	<a href="#">MCI MultiColor Light Indicator RMQ compact solution</a>
	<a href="#">MCI Multicolor Light Indicator M22 with SmartWire-DT</a>
	<a href="#">easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator</a>
	<a href="#">RMQ small E-Stop emergency-stop button</a>
<b>SALES NOTES</b>	<a href="#">eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf</a>
	<a href="#">eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf</a>
	<a href="#">eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf</a>
	<a href="#">eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf</a>

TEMPERATURE - MIN	
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
FORCE FOR POSITIVE OPENING - MIN	0 N
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
OPENING DIAMETER	22.5 mm
OPENING HEIGHT	22.5 mm
RATED INSULATION VOLTAGE (UI)	250 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
SUITABLE FOR NUMBER OF BUILT-IN SIGNAL LIGHTS	1
WIDTH OPENING	0 mm
PRODUCT CATEGORY	RMQ-Titan
SIZE	Front diameter: 29.7 mm
DEGREE OF PROTECTION (FRONT SIDE)	IP67/IP69K
LENS TYPE	High Round

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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