

# Specifications



## Eaton 216776

Eaton Moeller® series M22 Indicator light, RMQ-Titan, Flush, Without lens

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series M22 Indicator light
<b>CATALOG NUMBER</b>	216776
<b>MODEL CODE</b>	M22-L-X
<b>EAN</b>	4015082167769
<b>PRODUCT LENGTH/DEPTH</b>	30 mm
<b>PRODUCT HEIGHT</b>	30 mm
<b>PRODUCT WIDTH</b>	30 mm
<b>PRODUCT WEIGHT</b>	0.005 kg
<b>COMPLIANCES</b>	CE Marked
<b>CERTIFICATIONS</b>	CSA Std. C22.2 No. 94-91 EN 60947-5 UL 508 CSA Std. C22.2 No. 14-05 IEC 60947-5 VDE VDE 0660 CSA IEC/EN 60947 CE UL Category Control No.: NKCR UL File No.: E29184 CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 UL IEC/EN 60947-5 CSA File No.: 012528
<b>CATALOG NOTES</b>	Lenses for indicator lights → accessories
<b>GLOBAL CATALOG</b>	216776



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## 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 CREPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF</b>	Does not apply, since the

## Resources

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

### CATALOGS

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

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

[eaton-accessory-declaration-of-conformity-uk251344en.pdf](#)

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

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

[eaton-indicator-light-declaration-of-conformity-uk251345en.pdf](#)

### DECLARATIONS OF CONFORMITY

[eaton-pushbutton-declaration-of-conformity-uk251341en.pdf](#)

[eaton-indicator-light-declaration-of-conformity-uk251343en.pdf](#)

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

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

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

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### DRAWINGS

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

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

<b>SWITCHING DEVICES AND COMPONENTS</b>	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>	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
<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>	Other
<b>DESIGN</b>	Flush
<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 TEMPERATURE - MIN</b>	-25 °C
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	0 W

	<a href="#">eaton-general-approval-m22-symbol.eps</a>
	<a href="#">eaton-general-m22-standards.eps</a>
	<a href="#">eaton-operating-indication-m22-indicator-light-3d-drawing-002.eps</a>
	<a href="#">eaton-general-m22-symbol.eps</a>
ECAD MODEL	<a href="#">ETN.216776.edz</a>
FLYERS	<a href="#">eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf</a>
INSTALLATION INSTRUCTIONS	<a href="#">IL04716002Z</a>
INSTALLATION VIDEOS	<a href="#">RMQ Flat Design</a>
MCAD MODEL	<a href="#">DA-CD-leuchtmelder_ohne_linse</a> <a href="#">DA-CS-leuchtmelder_ohne_linse</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>
MULTIMEDIA	<a href="#">RMQ small E-Stop emergency-stop button</a> <a href="#">MCI MultiColor Light Indicator RMQ compact solution</a>
	<a href="#">eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf</a>
	<a href="#">eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf</a>
SALES NOTES	<a href="#">eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf</a> <a href="#">eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf</a>

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

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



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

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