## Indicator light, RMQ-Titan, Flush, Without lens



Part no. M22-L-X 216776 EL Number 4355708

EL Number (Norway)

(Norway)	
General specifications	Francis Maril Co. 1. Magazin P. 1. P. 1.
Product name	Eaton Moeller® series M22 Indicator light
Part no.	M22-L-X
EAN	4015082167769
Product Length/Depth	30 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.005 kilogram
Compliances	CE Marked
Certifications	CSA Std. C22.2 No. 94-91 EN 60947-5 UL 508 CSA Std. C22.2 No. 14-05 IEC 60947-5 VDE CSA-C22.2 No. 94-91 IEC/EN 60947-5 UL Category Control No.: NKCR CE CSA UL CSA Class No.: 3211-03 VDE 0660 IEC/EN 60947 UL File No.: E29184 CSA File No.: 012528 CSA-C22.2 No. 14-05
Product Tradename	M22
Product Type	Indicator light
Product Sub Type	None
Catalog Notes	Lenses for indicator lights → accessories
Features & Functions	
Bezel color	Chrome
Bezel material	Other
Design	Flush
Fitted with:	Front ring
Lens color	Other
General information	
Degree of protection	NEMA 4X, 13
Degree of protection (front side)	IP67/IP69K
Opening diameter	22.5 mm
Overvoltage category	III
Pollution degree	3
Product category	RMQ-Titan
Rated impulse withstand voltage (Uimp)	4000 V AC
Size	Front diameter: 29.7 mm
Туре	Indicator lights
Ambient conditions, mechanical	
	As required
Mounting position Shock resistance	Mechanical, According to IEC/EN 60068-2-27
Climatic environmental conditions	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
	35.90
Ambient operating temperature - min	-25 °C 70 °C
Ambient operating temperature - max	/U G

observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear multiple observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction		Damp heat, cyclic, to IEC 60068-2-30
Electrical rating Rated insulation voltage (UI)  Communication  Connection to SmartWire-DT  Ves With SWD-RMD connections  Force for positive opening - min  Design verification  Equipment has dissipation capacity Pdiss  Force for positive opening - min  Design verification  Equipment has dissipation capacity Pdiss  Heat dissipation capacity Pdiss  With SWD-RMD connections  W  Read dissipation capacity Pdiss  West dissipation per polie, current-dependent Pvid  Heat dissipation per polie, current-dependent Pvid  Heat dissipation per polie, current-dependent Pvid  Heat dissipation of apacity Pdiss  West dissipation per polie, current-dependent Pvid  Natic heat dissipation, non-current-dependent Pvid  Natic heat dissipation of resistance of misulating materials to normal heat Meets the product standard's requirements.  Neets the product standard's requirements.  Meets the product standard's requirements.  Does not apply, since the entire svitchgear needs to be evaluated.  10.2.5 Merchanical impact  Does not apply, since the entire svitchgear needs to be evaluated.  10.4 Devarrances and creappeg distances  Meets the product standard's requirements.  Does not apply, since the entire svitchgear needs to be evaluated.  10.5 Rechanical simpact  Does not apply, since the entire svitchgear needs to be evaluated.  10.6 Rechanical simpact  10.7 Incorporation of assemblies  Does not apply, since the entire svitchgear needs to be evaluated.  10.8 Incorporation of sv	Terminal capacities	
Electrical rating Rated insulation voltage (Ui) Communication Connection to SmartWire-DT  Vec With SWO-RMQ connections  Price for positive opening - min Design verification Equipment heat dissipation, current-dependent Pvid Hast dissipation, current-dependent Pvid Hast dissipation capacity Pdiss Hast dissipation per pole, current-dependent Pvid Hast dissipation per pole, current-dependent Pvis  10.2.2 Corrision resistance Hast dependent device d	Terminal capacity	
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10.2.6 Mechanical impact  10.2.7 Inscriptions  Meets the product standard's requirements.  10.3 Degree of protection of assemblies  10.4 Clearances and creepage distances  Meets the product standard's requirements.  10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9 Power-frequency electric strength  10.9.1 Temperature rise  10.9.4 Testing of enclosures made of insulating material  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  Is the panel builder's responsibility.  In the panel builder's responsibility.  In the panel builder's responsibility. The specifications for the switchgear mu observed.  In the panel builder's responsibility. The specifications for the switchgear mu observed.	10.2.4 Resistance to ultra-violet (UV) radiation	Please enquire
10.2.7 Inscriptions  Meets the product standard's requirements.  10.3 Degree of protection of assemblies  Does not apply, since the entire switchgear needs to be evaluated.  Meets the product standard's requirements.  10.5 Protection against electric shock  Does not apply, since the entire switchgear needs to be evaluated.  10.6 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and connections  Is the panel builder's responsibility.  10.9.2 Power-frequency electric strength  Is the panel builder's responsibility.  10.9.3 Impulse withstand voltage  Is the panel builder's responsibility.  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  Not applicable.  10.11 Short-circuit rating  Is the panel builder's responsibility. The specifications for the switchgear mu observed.  10.12 Electromagnetic compatibility  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
Does not apply, since the entire switchgear needs to be evaluated.  10.4 Clearances and creepage distances Meets the product standard's requirements.  10.5 Protection against electric shock Does not apply, since the entire switchgear needs to be evaluated.  10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and connections Is the panel builder's responsibility.  10.8 Connections for external conductors Is the panel builder's responsibility.  10.9.2 Power-frequency electric strength Is the panel builder's responsibility.  10.9.4 Testing of enclosures made of insulating material Is the panel builder's responsibility.  10.10 Temperature rise Not applicable.  10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear mu observed.  10.12 Electromagnetic compatibility The device meets the requirements, provided the information in the instruction	10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances  10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  10 be evaluated.  Is the panel builder's responsibility.  It is the panel builder's responsibility.  The specifications for the switchgear mu observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.2.7 Inscriptions	Meets the product standard's requirements.
10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Power-frequency electric strength 10.9.1 Insulated withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  Is the panel builder's responsibility.  Is the panel builder's responsibility.  Is the panel builder's responsibility.  Is the panel builder's responsibility. The specifications for the switchgear mu observed.  10.12 Electromagnetic compatibility  The device meets the requirements, provided the information in the instruction	10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  1s the panel builder's responsibility.  10.8 Connections for external conductors  1s the panel builder's responsibility.  10.9.2 Power-frequency electric strength  1s the panel builder's responsibility.  1s the panel builder's responsibility. The specifications for the switchgear mu observed.  1s the panel builder's responsibility. The specifications for the switchgear mu observed.  1s the panel builder's responsibility. The specifications for the switchgear mu observed.  1s the panel builder's responsibility. The specifications for the switchgear mu observed.  1s the panel builder's responsibility. The specifications for the switchgear mu observed.  1s the panel builder's responsibility. The specifications for the switchgear mu observed.	10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  Is the panel builder's responsibility.  Is the panel builder's responsibility.  Not applicable.  Is the panel builder's responsibility. The specifications for the switchgear mu observed.  The device meets the requirements, provided the information in the instruction	10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
10.8 Connections for external conductors  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  Is the panel builder's responsibility.  Is the panel builder's responsibility.  Not applicable.  Is the panel builder's responsibility. The specifications for the switchgear multiple observed.  Is the panel builder's responsibility. The specifications for the switchgear multiple observed.  The device meets the requirements, provided the information in the instruction	10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  1 Is the panel builder's responsibility. The specifications for the switchgear mu observed.  10.13 Mechanical function  1 Is the panel builder's responsibility. The specifications for the switchgear mu observed.  10.14 Electromagnetic compatibility  1 Is the panel builder's responsibility. The specifications for the switchgear mu observed.  10.15 The device meets the requirements, provided the information in the instruction	10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  Is the panel builder's responsibility.  Not applicable.  Is the panel builder's responsibility. The specifications for the switchgear mu observed.  10.12 Electromagnetic compatibility  The specifications for the switchgear mu observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  Not applicable.  10.11 Short-circuit rating  Is the panel builder's responsibility. The specifications for the switchgear mu observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear mu observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.10 Temperature rise  Not applicable.  10.11 Short-circuit rating  Is the panel builder's responsibility. The specifications for the switchgear mu observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear mu observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.11 Short-circuit rating  Is the panel builder's responsibility. The specifications for the switchgear multiple observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear multiple observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear multiple observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.10 Temperature rise	Not applicable.
observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
	10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
leaflet (IL) is observed.	10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## **Technical data ETIM 8.0**

Low-voltage industrial components (EG000017) / Front element for indicator light (EC000223)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for warning lights (ecl@ss10.0.1-27-37-12-11 [AKF029014])

[AKF029014])	ii teeliilology / Goliiilialio	and didning devices / Front channels for Warning rights (conscious.). 27 07 12 11
Suitable for number of built-in signal lights		1
Colour lens		Other
Construction type lens		Round
Hole diameter	mm	22.5
Width opening	mm	0
Height opening	mm	22.5
With front ring		Yes
Material front ring		Other
Colour front ring		Chrome
Type of lens		Flat
Degree of protection (IP), front side		IP67/IP69K