Specifications



Eaton 216772

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

General specifications

PRODUCT NAME	Eaton Moeller® series M22 indicator light
CATALOG NUMBER	216772
MODEL CODE	M22-L-R
EAN	4015082167721
PRODUCT LENGTH/DEPTH	30 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.007 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	IEC 60947-5 UL 508 EN 60947-5 CSA Std. C22.2 No. 94-91 CSA Std. C22.2 No. 14-05 VDE CSA File No.: 012528 IEC/EN 60947-5 VDE 0660 UL UL File No.: E29184 CSA Class No.: 3211-03 IEC/EN 60947 UL Category Control No.: NKCR CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 CE CSA

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Actuator

BEZEL COLOR	Chrome
BEZEL MATERIAL	Other
DESIGN	Flush
FITTED WITH:	Front ring
LENS COLOR	Red
LENS TYPE	Round Flat

Communication

CONNECTION TO SMARTWIRE-DT	Yes With SWD-RMQ connections

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78

Design verification

10.10 TEMPERATURE RISE	Not applicable.
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.
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Please enquire
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be evaluated.
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.
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.
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W

Electrical rating

RATED INSULATION VOLTAGE (UI)	250 V

General information

DEGREE OF PROTECTION	NEMA 4X, 13
DEGREE OF PROTECTION (FRONT SIDE)	IP67/IP69K
MOUNTING POSITION	As required
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
TYPE	Indicator lights

Terminal capacities

TERMINAL CAPACITY	0.5 - 1.5 mm², stranded 0.5 - 1.5 mm², solid

Resources

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-indicator-light-declaration-of-conformity-eu251537en.pdf
DRAWINGS	eaton-operating-m22-indicator-light-dimensions.eps eaton-operating-indication-m22-indicator-light-dimensions-002.eps eaton-operating-indication-m22-indicator-light-dimensions.eps eaton-operating-indication-m22-indicator-light-dimensions-003.eps eaton-operating-indication-m22-indicator-light-3d-drawing-002.eps eaton-general-m22-standards.eps eaton-general-m22-symbol.eps eaton-general-approval-m22-symbol.eps eaton-operating-button-symbol-006.eps
ECAD MODEL	ETN.216772.edz
INSTALLATION INSTRUCTIONS	IL04716002Z
MCAD MODEL	eaton-illuminated-pilot-lights-mcad-drawings-flach.dwg

	eaton-front-element-for-indicating-lights-mcad-3d-models-m22-l-r.stp
PEP ECO-PASSPORT	eaton-operating-devices-rmq-titan-m22-il047018zu.pdf

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:

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