

Specifications



Eaton 183285

Eaton Moeller® series M30 Indicator light, RMQ-Titan, Flat, yellow, Metal bezel

General specifications

PRODUCT NAME	Eaton Moeller® series M30 indicator light
CATALOG NUMBER	183285
MODEL CODE	M30C-FL-Y
EAN	4015081782260
PRODUCT LENGTH/DEPTH	36 mm
PRODUCT HEIGHT	32 mm
PRODUCT WIDTH	46 mm
PRODUCT WEIGHT	0.035 kg
CERTIFICATIONS	IEC/EN 60947 VDE 0660

Actuator

BEZEL COLOR	Chrome
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BEZEL MATERIAL	Metal
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DESIGN	Flat
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FITTED WITH:	Front ring
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LENS COLOR	Yellow
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LENS TYPE	Flat Round
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Communication

CONNECTION TO SMARTWIRE-DT	With SWD-RMQ connections Yes
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Climatic environmental conditions

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

10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
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10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
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10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
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10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
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10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
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10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
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10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.
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10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Please enquire
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10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.
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10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be evaluated.
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10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
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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

Electrical rating

RATED INSULATION VOLTAGE (UI)	250 V
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General information

DEGREE OF PROTECTION	NEMA 4X, 13
DEGREE OF PROTECTION (FRONT SIDE)	IP67/IP69K
MOUNTING POSITION	As required
OPENING DIAMETER	30 mm
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
PRODUCT CATEGORY	RMQ-Titan
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC

Terminal capacities

TERMINAL CAPACITY	0.5 - 1.5 mm ² , stranded
	0.5 - 1.5 mm ² , solid

SIZE

Front dimensions: Ø 36 mm

TYPE

Indicator lights

Resources

CATALOGUES

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

DECLARATIONS OF CONFORMITY

[eaton-illuminated-pushbutton-declaration-of-conformity-eu251546en.pdf](#)

DRAWINGS

[eaton-operating-m30-indicator-light-dimensions.eps](#)

[eaton-operating-m30-dimensions-006.eps](#)

[eaton-operating-m30-dimensions-004.eps](#)

[eaton-operating-m30-dimensions-005.eps](#)

[eaton-operating-button-symbol-008.eps](#)

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

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

[eaton-operating-m30-indicator-light-3d-drawing.eps](#)

ECAD MODEL

[ETN.183285.edz](#)

INSTALLATION INSTRUCTIONS

[eaton-operating-devices-m30-rmq-titan-flat-front-instruction-leaflet-il047019zu.pdf](#)

MCAD MODEL

[eaton-front-element-for-indicating-lights-mcad-3d-models-m30c-fl-y.stp](#)

[eaton-indicating-lights-mcad-drawings-flach-flatfront.dwg](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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