

Specifications



Photo is representative

Eaton 183284

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

General specifications

PRODUCT NAME	Eaton Moeller® series M30 indicator light
CATALOG NUMBER	183284
MODEL CODE	M30C-FL-B
EAN	4015081782253
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

BEZEL MATERIAL Metal

DESIGN Flat

FITTED WITH: Front ring

LENS COLOR Blue

LENS TYPE Round
Flat

Communication

**CONNECTION TO
SMARTWIRE-DT** With SWD-RMQ
connections
Yes

Climatic environmental conditions

**AMBIENT OPERATING
TEMPERATURE - MAX** 70 °C

**AMBIENT OPERATING
TEMPERATURE - MIN** -25 °C

CLIMATIC PROOFING Damp heat, constant, to
IEC 60068-2-78
Damp heat, cyclic, to IEC
60068-2-30

Design verification

**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

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 , solid
	0.5 - 1.5 mm ² , stranded

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

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

[eaton-operating-symbol-002.eps](#)

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

ECAD MODEL

[ETN.183284.edz](#)

INSTALLATION INSTRUCTIONS

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

MCAD MODEL

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

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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