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M22-XPV60-Y-230 - Illuminated ring, LED, 60mm, 230VAC, yellow



138280 M22-XPV60-Y-230

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138280 M22-XPV60-Y-230

Illuminated ring, LED, 60mm, 230VAC, yellow

Alternate Catalog No.

M22-XPV60-Y-230Q

EL-Nummer (Norway)

4315257

Increased visibility for day and night. Suitable for all RMQ-Titan emergency-stop pushbuttons.

• [Delivery program](#)

• [Technical data](#)

• [Design verification as per IEC/EN 61439](#)

• [Technical data ETIM 7.0](#)

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Delivery program

Basic function accessories

LED-Luminous ring

One group of 8 LEDs (series-connected)

Diameter [d]

60 mm mm

Rated operational voltage [U_e]

230 V AC V

Degree of Protection

IP66, IP67, IP69

Connection to SmartWire-DT

no

Notes

Yellow with yellow LEDs

Engineering (circuit diagrams)

Technical data

General

Degree of Protection

IP66, IP67, IP69

Ambient temperature Open

-25 - +70 °C

shipping classification

DNV

GL
LR



Design verification as per IEC/EN 61439

Technical data for design verification

Heat dissipation per pole, current-dependent [P_{vid}]

0 W

Equipment heat dissipation, current-dependent [P_{vid}]

0 W

Static heat dissipation, non-current-dependent [P_{vs}]

0.65 W

Heat dissipation capacity [P_{diss}]

0 W

Operating ambient temperature min.

-25 °C

Operating ambient temperature max.

+70 °C

IEC/EN 61439 design verification

10.2 Strength of materials and parts 10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation

Please enquire

10.2 Strength of materials and parts 10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts 10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts 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 Insulation properties 10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

10.9 Insulation properties 10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

10.9 Insulation properties 10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

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.

TECHNICAL DATA LUMI 7.0

Low-voltage industrial components (EG000017) / Accessories for control circuit devices (EC002024)

Type of electrical accessory

Diode element

Type of mechanical accessory

Other

Approvals

Product Standards

IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking

UL File No.

E340491

UL Category Control No.

NISD

CSA File No.

012528

CSA Class No.

3211-03

North America Certification

UL listed, CSA certified

Dimensions



CAD data

- [Product-specific CAD data](#)
(Web)
- [3D Preview](#)
(Web)

DWG files

- [DA-CD-leuchtring_110_230v](#)
File
(Web)

edz files

- [DA-CE-ETN.M22-XPV60-Y-230](#)
File
(Web)


Step files

- [DA-CS-leuchtring_110_230v](#)
File
(Web)

Dimensions single product

- 
[1160DIM-16](#)
Line drawing
illuminated ring

Product photo

- 
[1160PIC-525](#)
Photo

Illuminated ring

Symbol

- 
Germanischer Lloyd
0000SPC-180
Graphic
Germanischer Lloyd approval for Germany (color logo)
- 
DNV
0000SPC-183
Logo
Approval Norway Det Norske Veritas DNV

StandardsSymbol

- 
Lloyd's Register
TYPE APPROVED
0000SPC-179
Graphic
Lloyd's Register approval for Great Britain

Instruction Leaflet

- [RMQ-Titan: Emergency-Stop buttons, Emergency-Switching-Off buttons \(IL04716005Z\)](#)
Asset
IL04716005Z RMQ-Titan: Emergency-Stop buttons, Emergency-Switching-Off buttons
(PDF, 05/2021, multilingual)

Declaration of Conformity

EU

- [Emergency-stop operating devices RMQ Titan & accessories M22-..., M30-... \(DA-DC-00003622\)](#)
Asset
(PDF)

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