M22-XPV60-Y-24 - Illuminated ring, LED, D=60mm, 24VAC/DC, yellow

121477 M22-XPV60-Y-24

Overview Specifications Resources

121477 M22-XPV60-Y-24

Illuminated ring, LED, D=60mm, 24VAC/DC, yellow

Alternate Catalog No.	M22-XPV60-Y-24Q
EL-Nummer (Norway)	4315255

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

Delivery program

Basic function accessories
LED-Luminous ring
Three groups of 4 LEDs each (series-connected), can be actuated separately (e.g. for continuous light)
Diameter [d]
60 mm mm
Rated operational voltage [U_e]
24 V AC/DC 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 temperatureOpen
-25 - +70 °C
shipping classification
DNV

GL
LR

Design verification as per IEC/EN 61439

Technical data for design verification
Rated operational current for specified heat dissipation [I_n]
0 A
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}]
0.9 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 parts10.2.2 Corrosion resistance
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.1 Verification of thermal stability of enclosures
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.2 Verification of resistance of insulating materials to normal heat
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.3 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 parts10.2.4 Resistance to ultra-violet (UV) radiation
Please enquire
10.2 Strength of materials and parts10.2.5 Lifting
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts10.2.6 Mechanical impact
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts10.2.7 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 properties10.9.2 Power-frequency electric strength
Is the panel builder's responsibility.
10.9 Insulation properties10.9.3 Impulse withstand voltage
Is the panel builder's responsibility.
10.9 Insulation properties10.9.4 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 ETIM 7.0

Low-voltage industrial components (EG000017) / Accessories for control circuit devices (EC002024)
Type of electrical accessory
Other
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_24v
  File
  (Web)

edz files

- DA-CE-ETN.M22-XPV60-Y-24
  File
  (Web)

Step files

- DA-CS-leuchtring_24v
  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)

Download-Center

- Download-Center (this item)
  Eaton EMEA Download-Center - download data for this item
- Download-Center
  Eaton EMEA Download-Center

Generate data sheet in PDF format

Generate data sheet in Excel format

Write a comment