DATASHEET - M22-XPV60-Y-24



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

Part no.	**M22-XPV60-Y-24**
Catalog No.	**121477**
Alternate Catalog No.	**M22-XPV60-Y-24Q**
EL-Nummer (Norway)	**4315255**

Powering Business Worldwide™

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	mm	60 mm
Rated operational voltage	U_e	V	24 V AC/DC
Degree of Protection			IP66, IP67, IP69
Connection to SmartWire-DT			no
Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1			
Minimum force for positive opening	N		0

Notes

Yellow with yellow LEDs

Engineering (circuit diagrams)

Technical data

General

Degree of Protection			IP66, IP67, IP69
Ambient temperature			
Open		°C	-25 - +70
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	A	0
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	0.9
Heat dissipation capacity	P_{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties		
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.
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.

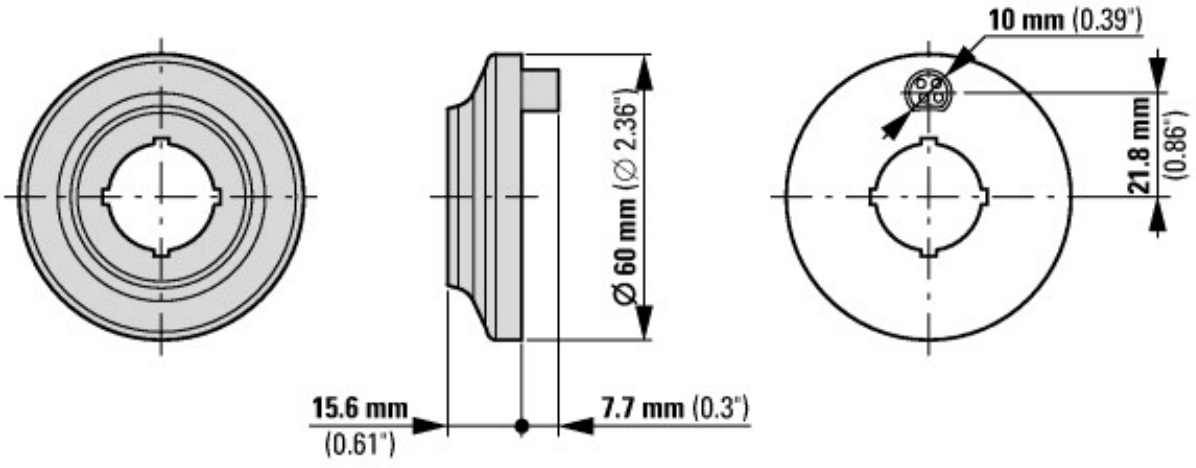
Technical data ETIM 7.0

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



Assets (links)

Declaration of CE Conformity

00003204

Instruction Leaflets

IL04716005Z2018_07

Additional product information (links)

IL04716005Z RMQ-Titan: Emergency-Stop buttons, Emergency-Switching-Off buttons	
IL04716005Z RMQ-Titan: Emergency-Stop buttons, Emergency-Switching-Off buttons	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716005Z2019_05.pdf

© 06/2019 by Eaton Industries GmbH