### DATASHEET - M22-XPV60-Y-120



Illuminated ring, LED, D=60mm, 120VAC, yellow

Powering Business Worldwide\*

TYPE APPROVED

Part no. M22-XPV60-Y-120 Catalog No. 121476

Alternate Catalog M22-XPV60-Y-120Q

No.

**EL-Nummer** 4315254

(Norway)

## **Delivery program**

Basic function accessories			LED-Luminous ring
			One group of 8 LEDs (series-connected)
Diameter	d	mm	60 mm
Rated operational voltage	U <sub>e</sub>	V	120 V AC
Degree of Protection			IP66, IP67
Connection to SmartWire-DT			no
N-4			

#### Notes

Yellow with yellow LEDs

Engineering (circuit diagrams)

# **Technical data**

General			
Degree of Protection		IP66, IP67	
Ambient temperature			
Open	°C	-25 - +70	
shipping classification		DNV GL LR	
		J&	Lloyd's Register



Rated operational current for specified heat dissipation  In A 0  Heat dissipation per pole, current-dependent  Pvid W 0  Equipment heat dissipation, current-dependent  Pvid W 0  Static heat dissipation, non-current-dependent  Pvs W 0.5  Heat dissipation capacity  Pdiss W 0  Operating ambient temperature min.  °C -25  Operating ambient temperature max.	200-g.: 101-1104-101 40 por 120, 211 01 100			
Heat dissipation per pole, current-dependent  Equipment heat dissipation, current-dependent  Pvid W 0  Static heat dissipation, non-current-dependent  Pvs W 0.5  Heat dissipation capacity  Operating ambient temperature min.  Operating ambient temperature max.  Pdiss W 0  Operating ambient temperature max.  *C 725  Operating ambient temperature max.  *C 70  *C 70	Technical data for design verification			
Equipment heat dissipation, current-dependent  Pvid  V  0.5  Heat dissipation capacity  Operating ambient temperature min.  Operating ambient temperature max.  EC/EN 61439 design verification  10.2 Strength of materials and parts  10.2.2 Corrosion resistance  10.2.3.1 Verification of thermal stability of enclosures  10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  Pvid  W  0.5  -25  70  Weets the product standard's requirements.  Meets the product standard's requirements.  Please enquire  Please enquire  Does not apply, since the entire switchgear needs to be evaluated.	Rated operational current for specified heat dissipation	In	Α	0
Static heat dissipation, non-current-dependent  Pus W 0.5  Heat dissipation capacity  Pdiss W 0  Operating ambient temperature min.  Operating ambient temperature max.  Operating ambient temperature max.  CC -25  Operating ambient temperature max.  EC/EN 61439 design verification  10.2 Strength of materials and parts  10.2.2 Corrosion resistance  10.2.3.1 Verification of thermal stability of enclosures  10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.	Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0
Heat dissipation capacity  Operating ambient temperature min.  Operating ambient temperature max.  Operating ambient temperature max.  CC 70  EC/EN 61439 design verification  10.2 Strength of materials and parts  10.2.2 Corrosion resistance  10.2.3.1 Verification of thermal stability of enclosures  10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects  10.2.4 Resistance to ultra-violet (UV) radiation  Pdiss W 0  C 70  Meets the product standard's requirements.	Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0
Operating ambient temperature min.  Operating ambient temperature max.  °C 70  EC/EN 61439 design verification  10.2 Strength of materials and parts  10.2.2 Corrosion resistance  10.2.3.1 Verification of thermal stability of enclosures  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  °C 70  Meets the product standard's requirements.  Please enquire  Does not apply, since the entire switchgear needs to be evaluated.	Static heat dissipation, non-current-dependent	$P_{vs}$	W	0.5
Operating ambient temperature max.  CC 70  EC/EN 61439 design verification  10.2 Strength of materials and parts  10.2.2 Corrosion resistance  10.2.3.1 Verification of thermal stability of enclosures  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  Please enquire  Does not apply, since the entire switchgear needs to be evaluated.	Heat dissipation capacity	P <sub>diss</sub>	W	0
EC/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.  Please enquire  Does not apply, since the entire switchgear needs to be evaluated.	Operating ambient temperature min.		°C	-25
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.  Please enquire  10.2.4 Resistance to ultra-violet (UV) radiation  Does not apply, since the entire switchgear needs to be evaluated.	Operating ambient temperature max.		°C	70
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.  Please enquire  Does not apply, since the entire switchgear needs to be evaluated.	EC/EN 61439 design verification			
10.2.3.1 Verification of thermal stability of enclosures  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects  10.2.4 Resistance to ultra-violet (UV) radiation  Please enquire  10.2.5 Lifting  Meets the product standard's requirements.  Meets the product standard's requirements.  Please enquire  Does not apply, since the entire switchgear needs to be evaluated.	10.2 Strength of materials and parts			
10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects  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.	10.2.2 Corrosion resistance			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  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.	10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
and fire due to internal electric effects  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.	10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.				Meets the product standard's requirements.
	10.2.4 Resistance to ultra-violet (UV) radiation			Please enquire
10.2.6 Mechanical impact Does not apply, since the entire switchgear needs to be evaluated.	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 8.0**

Low-voltage industrial components (EG000017) / Accessories/spare parts for command devices (EC002024)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Command and alarm devices (accessories) (ecl@ss10.0.1-27-37-12-92 [AC0037010])

Type of electrical accessory/spare part	Other
Type of mechanical accessory/spare part	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**

