DATASHEET - M22-PVS/KC11/IY



Housing, Controlled stop pushbuttons/emergency-stop buttons, Mushroom-shaped, 38 mm, Non-illuminated, Key-release, 1 NC, 1 N/O, Screw connection, Number of locations 1, Red, Yellow

Part no.	M22-PVS/KC11/IY
	216523
EL Number	4355296
(Norway)	

General specifications

DesignMultroom-shapedDesignVelowEnclosure oclorYelowEnclosure materialPasticFeaturesPositive openingIluminationNon-illuminatedNumber of locationsNon-illuminatedCeneral informationIAccessoriesI key included with supplied equipment.Degree of protectionVelowOperating frequency100000 mechanical OperationsOperating frequencyMulton - TrainSizeFord (Messions: 35 mm)SizeFord (Messions: 35 mm)SizeFord (Messions: 35 mm)Number of locationsEmergency stopMuntring positionSovier sign of pushbuttor/emergency-stop buttonNoting positionSovier sign of pushbuttor/emergency-stop buttonShock resistanceSovier sign of to EC/EN 60068-2-27 Sign decenting to EC/EN 60068-2-27 Sign decent	General specifications	
FAI6000000000000000000000000000000000000	Product name	Eaton Moeller® series M22 Housing
Product Length/Depth 115 millinete Product bight 00 millinete Product width 214 klapram Product width 214 klapram Cartifications 214 klapram Product Trademame 284 <	Part no.	M22-PVS/KC11/IY
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Product weight Image: Constructions Cartificisions CSA File Name 22280 Cartificisions CSA File Name 22280 Cartificisions CSA File Name 22280 Product Trademame Monte Status Restrues Functions Besign Monte Status Restrues Monter Status	Product height	80 millimetre
Predect Tradename ESA Fin Na. 102223 Predect Tradename ESA Fin Na. 102223 Predect Tradename ESA Fin Na. 102223 Predect Tradename Matter State S	Product width	72 millimetre
Product Tradename M22 Product Tradename M23 Product Tradename M24 Product Tradename M24 Product Tradename Maintraom-shaped Itemase Maintraom-shaped Itemase Maintraom-shaped Itemase Maintraom-shaped Itemase Maintraom-shaped It	Product weight	0.214 kilogram
Product Type Housing Product Sub Type None Features & Functions None Design Mushroom-shaped Enclosure color Positive color Enclosure naterial Positive color Features Positive color Illumination Positive color Number of locations Non-illuminated Recessories Non-illuminated Degree of protection NEMA X, 13 Iffespan 100,000 mechanical Operations/h Operating frequency Food Operations/h Product category Statule for Size Food protection Mushing position Scattered protection Size Food protection Size Food protection Musing position Scattered protection Musing position		CSA IEC/EN 60947 VDE 0660 UL Category Control No.: NKCR CSA-C22.2 No. 14-05 UL UL File No.: E29184 IEC/EN 60947-5 CE CSA Class No.: 3211-03 CSA-C22.2 No. 94-91 UL 508
Product Sub Type Mone Features & Functions Mone Design Mushroom-shaped Enclosure color Vellow Enclosure material Pastic Features Positive opening Illumiation Non-illuminated Number of locations Non-illuminated General information Non-illuminated equipment. Accessories Non-illuminated equipment. Degree of protection Non-illuminated supplied equipment. Operating frequency Non-illuminatons: ST mm Size Size Food finations: ST mm Size Size food stop pushbutton/emergency-stop button Mounting position As required Mounting position	Product Tradename	M22
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Illumination Non-Illuminated Number of locations 1 General information 1 Accessories 1 key included with supplied equipment. Degree of protection NEMA 4X, 13 Degree of protection 100,000 mechanical Operations/h Operating frequency 000 Operations/h Product category RMO-Titan Size Front dimensions: 35 mm Suitable for Emergency stop Type Housing Mounting position As required Shock resistance As required Climatic environmental conditions Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 mg Ambient operating temperature - min 25 °C	Enclosure material	Plastic
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General information Image: Second	Illumination	Non-illuminated
Accessories I key included with supplied equipment. Degree of protection NEMA 4X, 13 IP67/P69K Lifespan 00,000 mechanical Operations Operating frequency 600 Operations/h Product category RMQ-Titan Size Front dimensions: 35 mm Suitable for Emergency stop Type Housing Mounting position As required Shock resistance Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Climatic environmental conditions Ambient operating temperature - min	Number of locations	1
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Climatic environmental conditions 50 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Ambient operating temperature - min -25 °C	Mounting position	As required
Ambient operating temperature - min -25 °C	Shock resistance	Mechanical, According to IEC/EN 60068-2-27 50 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
	Climatic environmental conditions	
	Ambient operating temperature - min	-25 °C
Ambient operating temperature - max 70 °C	Ambient operating temperature - max	70 °C
Climatic proofing Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30		
Electrical rating	Electrical rating	

Rated control supply voltage (Us) at AC, 50 Hz - min	115 V
Rated control supply voltage (Us) at AC, 50 Hz - max	500 V
Rated control supply voltage (Us) at AC, 60 Hz - min	115 V
Rated control supply voltage (Us) at AC, 60 Hz - max	500 V
Rated control supply voltage (Us) at DC - min	24 V
Rated control supply voltage (Us) at DC - max	220 V
Short-circuit rating	
Rated conditional short-circuit current (Iq)	1 kA
Communication	
Connection to SmartWire-DT	No
Connection type	Screw connection
Actuator	
Actuating force	50 N
Actuator color	Red
Actuator diameter	38 mm
Actuator function	Key-release
Actuator travel and actuation force (DIN EN 60947-5-1)	4.8 mm
Knob travel	5.7 mm
Contacts	
Force for positive opening - min	20 N
Number of contacts (change-over contacts)	0
Number of contacts (normally closed contacts)	1
Number of contacts (normally open contacts)	1
Design verification	
-	0 W
Equipment heat dissipation, current-dependent Pvid	
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	0.11 W
Rated operational current for specified heat dissipation (In)	6A
Static heat dissipation, non-current-dependent Pvs	
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.
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.

Technical data ETIM 9.0

Electric engineering, automation, process control engineering / Low-volta ecl@ss13-27-37-12-16 [AKF034019])	ge switch technology	/ Comman	d and alarm device / Command and alarm device combination in housing
Number of command positions			1
Number of push buttons			0
Number of indicator lights			0
Number of key switches			0
Number of selector switches			0
Number of mushroom-shaped push-buttons			1
Suitable for emergency stop			Yes
Rated control supply voltage AC 50 Hz		V	115 - 500
Rated control supply voltage AC 60 Hz		V	115 - 500
Rated control supply voltage DC		V	24 - 220
Power consumption		W	
Colour housing cover			Yellow
Housing colour			Yellow
Housing material			Plastic
Number of contacts as normally open contact			1
Number of contacts as normally closed contact			1
Number of contacts as change-over contact			0
Degree of protection (IP)			IP67/IP69K
Degree of protection (NEMA)			4X, 13