



Fireman's switch, PV, 2 N/C

Part no. **M22-SOL-PVT45PMPI02Q**
 Catalog No. **150645**
 Eaton Catalog No. **M22-SOL-PVT45PMPI02Q**



Powering Business Worldwide™

Delivery program

Product range		Accessories
Products		PV off switch
Connection		for switching off the SOL30-SAFETY fireman's switch
Description		Complete device with guard-ring Release by turning
Contacts		
N/C = Normally closed		2 NC
Degree of Protection		IP67 IP69K
Contact sequence		

Design verification as per IEC/EN 61439

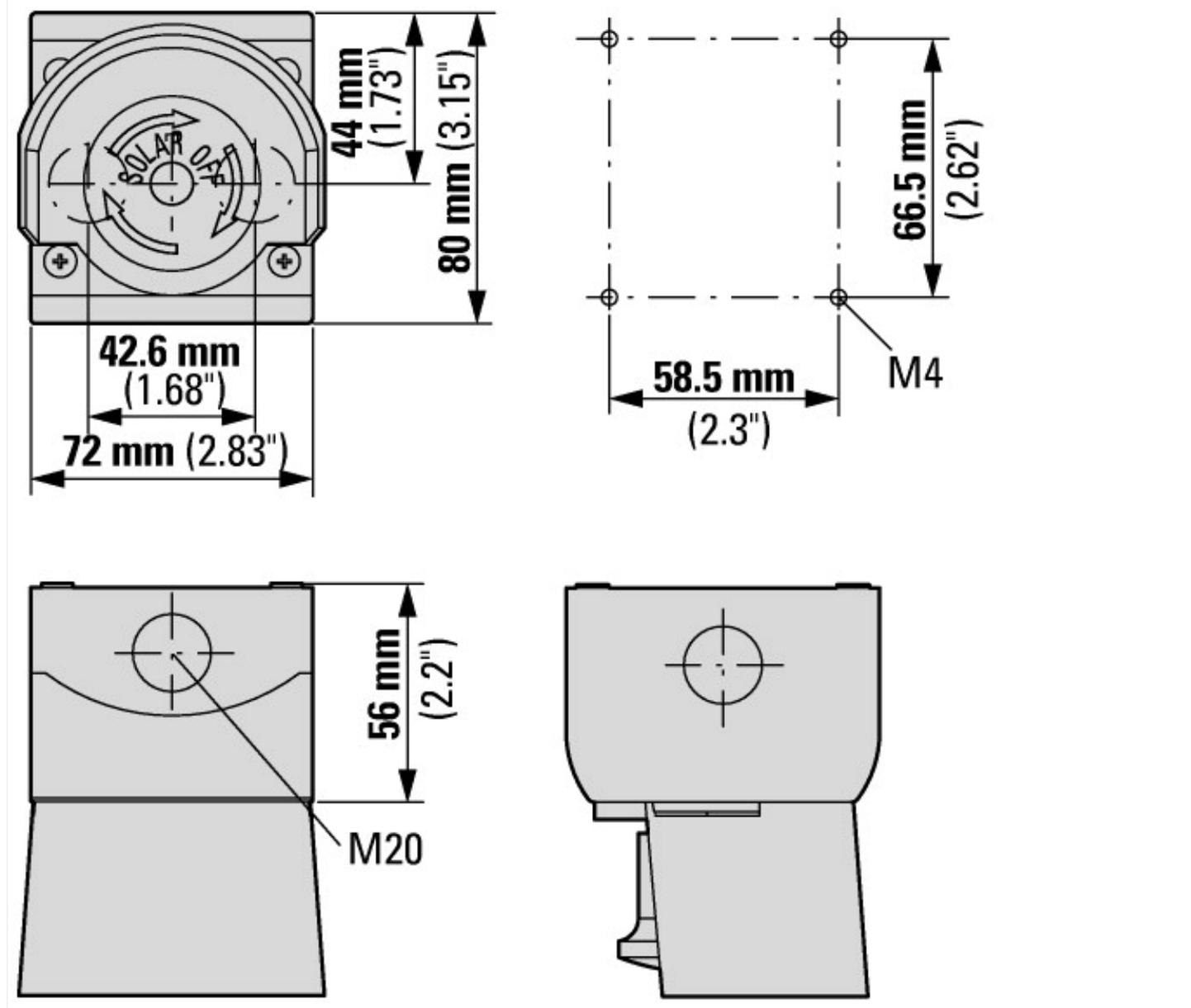
Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	6
Heat dissipation per pole, current-dependent	P_{vid}	W	0.11
Equipment heat dissipation, current-dependent	P_{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Heat dissipation capacity	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 6.0

Low-voltage industrial components (EG000017) / Push button, complete (EC001028)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Push-button actuator, complete unit (ecl@ss8.1-27-37-12-28 [AKF046011])		
Number of command positions		1
Colour button		Red
Construction type lens		Round
Hole diameter	mm	22
Width opening	mm	0
Height meter opening	mm	0
Degree of protection (IP)		IP65
Type of button		Mushroom
Suitable for illumination		No
Switching function latching		Yes
Spring-return		No
Supply voltage lamp	V	0
Number of contacts as normally open contact		0
Number of contacts as normally closed contact		2
Number of contacts as change-over contact		0
Type of electric connection		Screw connection
With front ring		Yes
Material front ring		Plastic
Colour front ring		-

Dimensions



Additional product information (links)

IL04716002Z (AWA1160-1745) RMQ-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan System ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2017_01.pdf

IL04716003Z (AWA1160-1746) RMQ-Titan System

IL04716003Z (AWA1160-1746) RMQ-Titan System ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716003Z2017_05.pdf