DATASHEET - M22-DZ-B-GB14

Release pushbutton, blue, Bezel: titanium, RESET

EAT·N
Powering Business Worldwide™

Part no.	M22-DZ-B-GB14
	254834
EL Number (Norway)	4131825

General specifications

Product name		Eaton Moeller® series M22 Accessory Release pushbutton
Part no.		M22-DZ-B-GB14
EAN		4015082548346
Product Length/Depth		120 millimetre
Product height		30 millimetre
Product width		30 millimetre
Product weight		0.013 kilogram
Compliances		CE Marked
Certifications		IEC 60947
		CSA Std. C22.2 No. 14
		EN 60947
		UL 508
		UL Category Control No.: NKCR
		CSA File No.: 012528
		CSA-C22.2 No. 14
		CSA
		IEC/EN 60947
		CE
		UL File No.: E29184
		UL
		CSA Class No.: 3211-03
Product Tradename		M22
Product Type		Accessory
Product Sub Type		Release pushbutton

Features & Functions

Bezel color		Chrome
Bezel material		Plastic
Features		Labelled
Fitted with:		Front ring

General information

Degree of protection (front side)		NEMA 4X
		IP67
Opening diameter		22 mm
Product category		Accessories
Type		Flat
Used with		ZB150
		ZB32
		ZE
		Z5
		ZB12
		ZB65
		ZW7…

Climatic environmental conditions

Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C

Communication

Connection to SmartWire-DT		No

Actuator

Actuator color		Blue
Actuator function		Spring-return

Contacts

Force for positive opening - min		0 N

Design verification

Equipment heat dissipation, current-dependent Pvid		0 W

Heat dissipation capacity Pdiss		0 W
Heat dissipation per pole, current-dependent Pvid		0 W
Rated operational current for specified heat dissipation (In)		0 A
Static heat dissipation, non-current-dependent Pvs		0 W
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		Not applicable.
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 9.0

Low-voltage industrial components (EG000017) / Front element for push button (EC000221)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for push-button actuators (ecl@ss13-27-37-12-10 [AKF028019])

Colour button		Blue
Number of command positions		1
Construction type lens		Round
Hole diameter	mm	22
Width opening	mm	0
Height opening	mm	0
Type of button		Flat
Suitable for illumination		No
With protective cover		No
Labelled		Yes
Switching function latching		No
Spring-return		Yes
With front ring		Yes
Material front ring		Plastic
Colour front ring		Chrome
Degree of protection (IP), front side		IP67
Degree of protection (NEMA), front side		4X