## Eaton 216625

Eaton Moeller® series M22 Pushbutton, RMQ-Titan, Flat, maintained, Without button plate, Bezel: titanium

PRODUCT NAME	Eaton Moeller® series M22 Pushbutton
CATALOG NUMBER	216625
PRODUCT LENGTH/DEPTH	30 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.011 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	UL 508 CSA Std. C22.2 No. 94-91 EN 60947-5 CSA Std. C22.2 No. 14-05 IEC 60947-5 VDE CE CSA Class No.: 3211-03 IEC/EN 60947-5 UL UL File No.: E29184 CSA CSA-C22.2 No. 94-91 CSA File No.: 012528 IEC/EN 60947 UL Category Control No.: NKCR CSA-C22.2 No. 14-05 VDE 0660 DNV GL LR



ТҮРЕ	Pushbutton actuator
ACTUATOR COLOR	Other
ACTUATOR FUNCTION	Maintained Switching function latching
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.
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.

DECLARATIONS OF	eaton-pushbutton- declaration-of-conformity- uk251341en.pdf
CONFORMITY	eaton-pushbutton- declaration-of-conformity- uk251340en.pdf
	<u>IL04716002Z</u>
	eaton-operating- actuation-m22- dimensions-002.eps eaton-operating- pushbutton-m22- dimensions-004.eps
	eaton-operating- pushbutton-m22- dimensions-003.eps
	eaton-operating- samrtwire-m22-3d- drawing.eps
1	RMQ small E-Stop emergency-stop button

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	ls the panel builder's responsibility.
10.9.2 POWER- FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	ls the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
FITTED WITH:	Front ring
OPERATING FREQUENCY	1800 Operations/h
BUTTON COLOR	Not applicable
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CONNECTION TO SMARTWIRE-DT	Yes With SWD-RMQ connections
ACTUATING FORCE	5 N
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT STORAGE	
TEMPERATURE - MAX	80 °C
72	80 °C 40 °C
TEMPERATURE - MAX  AMBIENT STORAGE	
TEMPERATURE - MAX  AMBIENT STORAGE TEMPERATURE - MIN  EQUIPMENT HEAT DISSIPATION, CURRENT-	40 °C
TEMPERATURE - MAX  AMBIENT STORAGE TEMPERATURE - MIN  EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID  FORCE FOR POSITIVE	40 °C 0 W

POLE, CURRENT-DEPENDENT PVIDNUMBER OF COMMAND POSITIONS1OPENING DIAMETER22.5 mmOPENING HEIGHT0 mmRATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)TitaniumBEZEL COLORTitaniumHEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 msBEZEL MATERIALPlasticDESIGNFlat ClassicalMOUNTING POSITIONAs requiredDEGREE OF PROTECTION (FRONT SIDE)IP66 IP67 IP69K NEMA 4X NEMA 12 NEMA 4X NEMA 12 NEMA 4XFRONT ELEMENT TYPEFlatFUNCTIONSStay-put/spring-return function can be changed on deviceLIFESPAN, MECHANICAL\$1,000,000 Operations (AC operated)STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVSQ mmWIDTH OPENING0 mmPRODUCT CATEGORYRMQ-TitanSIZEFront dimensions: 22 x 22 mm		
POSITIONS  OPENING DIAMETER  OPENING HEIGHT  RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  BEZEL COLOR  Titanium  Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms  BEZEL MATERIAL  Plastic  DESIGN  Flat Classical  MOUNTING POSITION  As required  P66 IP67 IP698 NEMA 3R NEMA 4X NEMA 12 NEMA 13  DEGREE OF PROTECTION (FRONT SIDE)  FRONT ELEMENT TYPE  FUNCTIONS  LIFESPAN, MECHANICAL  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  WIDTH OPENING  PRODUCT CATEGORY  RMQ-Titan  O A  A  H  O CIPT  IEC/EN 60068-2-27 Sinusoidal shock 11 ms  Flat  Classical  NEMA 42 NEMA 38 NEMA 43 NEMA 44 NEMA 42 NEMA 13  DEGREE OF PROTECTION (FRONT SIDE)  FRONT ELEMENT TYPE  Flat  Stay-put/spring-return function can be changed on device  LENS TYPE  Round  1,000,000 Operations (AC operated)  O W  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  WIDTH OPENING  O mm  PRODUCT CATEGORY  RMQ-Titan  Front dimensions: 22 x 22		
OPENING HEIGHT  RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  BEZEL COLOR  Titanium  Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms  BEZEL MATERIAL  Plastic  DESIGN  Flat Classical  MOUNTING POSITION  As required  IP66 IP67 IP69K NEMA 3R NEMA 4X NEMA 12 NEMA 13  DEGREE OF PROTECTION (FRONT SIDE)  FUNCTIONS  DEGREE OF PROTECTION (FRONT SIDE)  FUNCTIONS  LIFESPAN, MECHANICAL  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  WIDTH OPENING  PRODUCT CATEGORY  RMQ-Titan  SIZE  Titanium  Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms IEC/EN 60068-2-27 Sinusoidal shock 11 ms I		1
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  BEZEL COLOR  Titanium  Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms  BEZEL MATERIAL  Plastic  Plastic  Plat Classical  MOUNTING POSITION  As required  IP66 IP67 IP69K NEMA 3R NEMA 4X NEMA 12 NEMA 13  DEGREE OF PROTECTION (FRONT SIDE)  FONT ELEMENT TYPE  FUNCTIONS  LIFESPAN, MECHANICAL  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  WIDTH OPENING  PRODUCT CATEGORY  RMC-Titan  Titanium  Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms  BEZEL MATERIAL Plastic  Flat Classical  Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms  Plastic  Flat Classical  PF67 IP69K NEMA 3R NEMA 4X NEMA 4X NEMA 12 NEMA 13  DEGREE OF PROTECTION (IP67/IP69K NEMA 4X  FRONT ELEMENT TYPE  Flat  Stay-put/spring-return function can be changed on device  LENS TYPE  Round  1,000,000 Operations (AC operated)  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  WIDTH OPENING  0 mm  PRODUCT CATEGORY  RMQ-Titan	OPENING DIAMETER	22.5 mm
CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  BEZEL COLOR  Titanium  Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms  BEZEL MATERIAL  Plastic  DESIGN  Flat Classical  MOUNTING POSITION  As required  IP66 IP67 IP69K NEMA 3R NEMA 4X NEMA 12 NEMA 13  DEGREE OF PROTECTION (FRONT SIDE)  FRONT ELEMENT TYPE  FUNCTIONS  LIFESPAN, MECHANICAL  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  WIDTH OPENING  PRODUCT CATEGORY  RMQ-Titan  Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms  Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms  Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms  Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms  Plastic  Flat Classical  IP66 IP67 IP69K NEMA 4X NEMA 13  DEGREE OF PROTECTION (IP67/IP69K NEMA 4X  FRONT ELEMENT TYPE  Flat  Stay-put/spring-return function can be changed on device  LENS TYPE  ROUND  O W  WIDTH OPENING  O mm  PRODUCT CATEGORY  RMQ-Titan  Front dimensions: 22 x 22	OPENING HEIGHT	0 mm
SHOCK RESISTANCE  Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms  BEZEL MATERIAL  Plastic  Plat Classical  MOUNTING POSITION  As required  IP66 IP67 IP69K NEMA 3R NEMA 4X NEMA 12 NEMA 13  DEGREE OF PROTECTION (FRONT SIDE)  FONT ELEMENT TYPE  FUNCTIONS  LIFESPAN, MECHANICAL  STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS  WIDTH OPENING  PRODUCT CATEGORY  RMQ-Titan  SIZE  Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-20 E, Mexical Basical Basi	CURRENT FOR SPECIFIED	0 A
SHOCK RESISTANCE  SHOCK RESISTANCE  BEZEL MATERIAL  DESIGN  Flat Classical  MOUNTING POSITION  As required  IP66 IP67 IP69K NEMA 3R NEMA 4X NEMA 12 NEMA 13  DEGREE OF PROTECTION (FRONT SIDE)  FRONT ELEMENT TYPE  LIFESPAN, MECHANICAL  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  WIDTH OPENING  PRODUCT CATEGORY  SIZE  Plastic  Plastic  Plastic  Plastic  IP66 IP67 IP69K NEMA 4X NEMA 4X NEMA 4X NEMA 4X NEMA 13  Stay-put/spring-return function can be changed on device  0 W  PRODUCT CATEGORY  RMQ-Titan  Front dimensions: 22 x 22	BEZEL COLOR	Titanium
DESIGN  Flat Classical  MOUNTING POSITION  As required  IP66 IP67 IP69K  NEMA 3R NEMA 4X NEMA 12 NEMA 13  DEGREE OF PROTECTION (FRONT SIDE)  FONT ELEMENT TYPE  FUNCTIONS  LIFESPAN, MECHANICAL  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  WIDTH OPENING  PRODUCT CATEGORY  FIat  Flat  Stay-put/spring-return function can be changed on device  Round  1,000,000 Operations (AC operated)  0 W  PRODUCT CATEGORY  RMQ-Titan  Front dimensions: 22 x 22	SHOCK RESISTANCE	IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal
MOUNTING POSITION  As required  IP66 IP67 IP69K NEMA 3R NEMA 4X NEMA 12 NEMA 13  DEGREE OF PROTECTION (FRONT SIDE)  FUNCTIONS  IP67/IP69K NEMA 4X NEMA 4X NEMA 4X NEMA 13  IP67/IP69K NEMA 4X FRONT ELEMENT TYPE Flat  Stay-put/spring-return function can be changed on device  LENS TYPE Round  LIFESPAN, MECHANICAL  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  WIDTH OPENING O mm  PRODUCT CATEGORY RMQ-Titan  Front dimensions: 22 x 22	BEZEL MATERIAL	Plastic
DEGREE OF PROTECTION PEGREE OF PEGREE OF PEGREE OF PEG	DESIGN	
DEGREE OF PROTECTION NEMA 3R NEMA 4X NEMA 12 NEMA 13  DEGREE OF PROTECTION (FRONT SIDE) IP67/IP69K NEMA 4X NEMA 13  PRONT ELEMENT TYPE Flat  FUNCTIONS Stay-put/spring-return function can be changed on device  LENS TYPE Round  LIFESPAN, MECHANICAL STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  WIDTH OPENING O mm  PRODUCT CATEGORY RMQ-Titan  Front dimensions: 22 x 22	MOUNTING POSITION	As required
(FRONT SIDE)NEMA 4XFRONT ELEMENT TYPEFlatFUNCTIONSStay-put/spring-return function can be changed on deviceLENS TYPERoundLIFESPAN, MECHANICAL1,000,000 Operations (AC operated)STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS0 WWIDTH OPENING0 mmPRODUCT CATEGORYRMQ-TitanSIZEFront dimensions: 22 x 22	DEGREE OF PROTECTION	IP67 IP69K NEMA 3R NEMA 4X NEMA 12
FUNCTIONS  Stay-put/spring-return function can be changed on device  LENS TYPE  Round  1,000,000 Operations (AC operated)  STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS  WIDTH OPENING  PRODUCT CATEGORY  SIZE  Stay-put/spring-return function on be changed on device  0 on device  1,000,000 Operations (AC operated)  0 W  RMQ-Titan		
FUNCTIONS function can be changed on device  LENS TYPE Round  1,000,000 Operations (AC operated)  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  WIDTH OPENING O mm  PRODUCT CATEGORY RMQ-Titan  Front dimensions: 22 x 22	FRONT ELEMENT TYPE	Flat
LIFESPAN, MECHANICAL  1,000,000 Operations (AC operated)  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  WIDTH OPENING  0 mm  PRODUCT CATEGORY  RMQ-Titan  Front dimensions: 22 x 22	FUNCTIONS	function can be changed
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  WIDTH OPENING  PRODUCT CATEGORY  RMQ-Titan  Front dimensions: 22 x 22	LENS TYPE	Round
DISSIPATION, NON- CURRENT-DEPENDENT PVS  WIDTH OPENING  PRODUCT CATEGORY  RMQ-Titan  Front dimensions: 22 x 22	LIFESPAN, MECHANICAL	•
PRODUCT CATEGORY RMQ-Titan  SIZE Front dimensions: 22 x 22	DISSIPATION, NON- CURRENT-DEPENDENT	0 W
SIZE Front dimensions: 22 x 22	WIDTH OPENING	0 mm
SIZE	PRODUCT CATEGORY	RMQ-Titan
	SIZE	

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
:	



Eaton House 30 Pembroke Road Dublin 4, Eaton.com

Follow us on social media to get the latest product and support information.









