

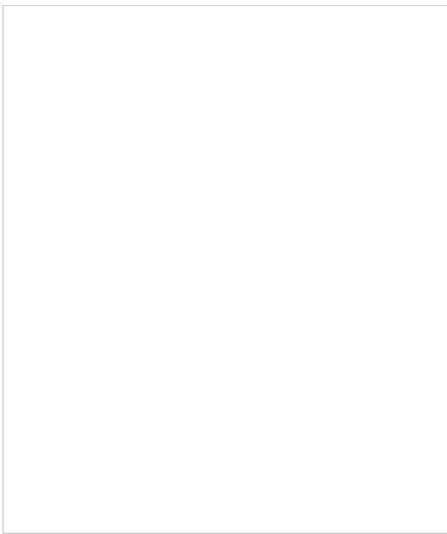
RMQ TITAN MODULAR PILOT DEVICES
216831


Overview


Specifications


Resources

How to



216831

Eaton Moeller® series M22 Illuminated selector switch
With thumb-grip, maintained, 2 positions, Blue, Bez

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Designed to work together

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216376

Eaton Moeller® series M22 Contact element, Screw terminals, Front fixing, 1 N/O, 24 V 3 A, 220 V 230 V 240 V 6 A M22-K10

216374

Eaton Moeller® series M22 Mounting clamp

216378

Eaton Moeller® series M22 Contact element, Screw terminals, Front fixing, 1 NC, 24 V 3 A, 220 V 230 V 240 V 6 A M22-K01

216384

Eaton Moeller® series M22 Contact element, Cage Clamp, Front fixing, 1 N/O, 24 V 3 A, 220 V 230 V 240 V 6 A

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GENERAL SPECIFICATIONS

General specifications	>	PRODUCT NAME	Eaton Moeller® series M22 Illuminated selector sw
		CATALOG NUMBER	216831
Product specifications	>	MODEL CODE	M22-WRLK-B
		EAN	4015082168315
		PRODUCT LENGTH/DEPTH	46 mm
		PRODUCT HEIGHT	30 mm
		PRODUCT WIDTH	30 mm
		PRODUCT WEIGHT	0.013 kg
		COMPLIANCES	CE Marked

CERTIFICATIONS	IEC 60947-5
	UL 508
	CSA Std. C22.2 No. 14-05
	EN 60947-5
	CSA Std. C22.2 No. 94-91
	VDE
	CSA Class No.: 3211-03
	IEC/EN 60947-5
	IEC/EN 60947
	CE
	CSA
	VDE 0660
	UL Category Control No.: NKCR
	CSA File No.: 012528
UL File No.: E29184	
CSA-C22.2 No. 14-05	
CSA-C22.2 No. 94-91	
UL	
DNV	
GL	
LR	

PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications must be observed.
OPENING DIAMETER	22.5 mm
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications must be observed.
OPERATING TORQUE	0.3 Nm
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be lifted.
	With thumb-erin

DESIGN	Classical
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
FITTED WITH:	Front ring
DEGREE OF PROTECTION (FRONT SIDE)	IP66
FORCE FOR POSITIVE OPENING - MIN	0 N
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
ACTUATOR TYPE	Toggle
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
BEZEL COLOR	Titanium
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
COLOR	Blue
INDICATOR COLOR	Blue
CONNECTION TO SMARTWIRE-DT	Yes With SWD-RMQ connections
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to
MOUNTING POSITION	As required
ACTUATOR FUNCTION	Maintained Switching function latching
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the instruction leaflet (IL) is observed.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
OPERATING FREQUENCY	2000 Operations/h
PRODUCT CATEGORY	RMQ-Titan
EQUIPMENT HEAT DISSIPATION - CURRENT	

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
SUITABLE FOR	Illumination
ACCESSORIES	Thumb grip
WIDTH OPENING	0 mm
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.
LIFESPAN, MECHANICAL	100,000 Operations
BEZEL MATERIAL	Plastic
SWITCHING ANGLE	60 °
NUMBER OF SWITCH POSITIONS	2
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
DEGREE OF PROTECTION	NEMA 4X, 13
ACTUATOR COLOR	Black
OPENING HEIGHT	0 mm
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.10 TEMPERATURE RISE	Not applicable.
FUNCTIONS	Stay-put/spring-return function, can be changed with XC-Y
SIZE	Front diameter: 29.7 mm
LENS TYPE	Round
TYPE	Illuminated selector switch actuator
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Please enquire
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
SHOCK RESISTANCE	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27 11 ms

Catalogs

Certification reports

Drawings

eCAD model

Installation instructions

Installation videos

mCAD model

System overview

216831



Eaton is an intelligent power management company dedicated to improving the quality of life and protecting the environment for people everywhere. We are guided by our commitment to do business right, to operate sustainably and to help our customers manage power — today and well into the future. By capitalizing on the global growth trends of electrification and digitalization, we're accelerating the planet's transition to renewable energy and helping to solve the world's most urgent power management challenges.

