Eaton 216565

Eaton Moeller® series M22 LED element, green, front mount, 85-264VAC

PRODUCT NAME	Eaton Moeller® series M22 Accessory LED
CATALOG NUMBER	216565
PRODUCT LENGTH/DEPTH	38 mm
PRODUCT HEIGHT	10 mm
PRODUCT WIDTH	37 mm
PRODUCT WEIGHT	0.011 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	EN 60947-5 CSA Std. C22.2 No. 14-05 UL 508 IEC 60947-5 CSA Std. C22.2 No. 94-91 VDE IEC/EN 60947-5 CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 UL UL Category Control No.: NKCR CE CSA CSA File No.: 012528 IEC 60947-5-1 UL File No.: E29184



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.
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	Meets the product standard's requirements.
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.

	eaton-indicator-light-
	declaration-of-conformity-
	<u>uk251345en.pdf</u>
	eaton-indicator-light-
	<u>declaration-of-conformity-</u>
DECLARATIONS OF	<u>uk251343en.pdf</u>
CONFORMITY	oaton accesson.
	eaton-accessory-
	declaration-of-conformity-
	<u>uk251344en.pdf</u>
	eaton-pushbutton-
	declaration-of-conformity-
	<u>uk251341en.pdf</u>
	eaton-operating-devices-
	rmq-titan-m22-instruction-
	leaflet-il047018zu.pdf
	<u>IL04716002Z</u>
	eaton-operating-
	actuation-m22-led-
	element-dimensions.eps
	·
	eaton-operating-button-
	symbol-004.eps
,	RMQ small E-Stop
1	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	ls 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	ls the panel builder's responsibility.
FITTED WITH:	Light source Diode
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
CONNECTION TO	
SMARTWIRE-DT	No
SMARTWIRE-DT RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V AC
RATED IMPULSE WITHSTAND VOLTAGE	
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AMBIENT OPERATING	6000 V AC
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AMBIENT OPERATING TEMPERATURE - MAX AMBIENT OPERATING	6000 V AC 70 °C
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AMBIENT OPERATING TEMPERATURE - MAX AMBIENT OPERATING TEMPERATURE - MIN AMBIENT STORAGE	6000 V AC 70 °C -25 °C
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AMBIENT OPERATING TEMPERATURE - MAX AMBIENT OPERATING TEMPERATURE - MIN AMBIENT STORAGE TEMPERATURE - MAX AMBIENT STORAGE	6000 V AC 70 °C -25 °C 80 °C
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AMBIENT OPERATING TEMPERATURE - MAX AMBIENT OPERATING TEMPERATURE - MIN AMBIENT STORAGE TEMPERATURE - MAX AMBIENT STORAGE TEMPERATURE - MIN EQUIPMENT HEAT DISSIPATION, CURRENT-	6000 V AC 70 °C -25 °C 80 °C 40 °C

HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID OPERATING TORQUE RATED INSULATION VOLTAGE (UI) RATED OPERATIONAL CURRENT (IE) - MAX RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS VOLTAGE TYPE AC FASTENING TYPE Front fastening MOUNTING POSITION As required LIGHT COLOR Green CONNECTION TYPE Front fixing LAMP TYPE LED OVERVOLTAGE CATEGORY CONNECTION TYPE FRONT fixing LAMP TYPE LED OVERVOLTAGE CATEGORY CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION IP20 LAMP HOLDER None POWER CONSUMPTION MAX. 0.33 W LIFESPAN, ELECTRICAL TERMINAL CAPACITY (STRANDED) O.5 - 2.5 mm²		
RATED INSULATION VOLTAGE (UI) RATED OPERATIONAL CURRENT (IE) - MAX RATED OPERATIONAL CURRENT (IE) - MIN RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS VOLTAGE TYPE AC FASTENING TYPE Front fastening MOUNTING POSITION As required LIGHT COLOR CONNECTION TYPE LAMP TYPE LED OVERVOLTAGE CATEGORY LIGHT COLOR CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION LIFESPAN, ELECTRICAL TERMINAL CAPACITY 0.5 - 2.5 mm² COS - 2.5 mm² POWER CONSUMPTION D.5 - 2.5 mm² D.5 - 2.5 mm²	POLE, CURRENT-	0 W
TERMINAL CAPACITY PATED OPERATIONAL CURRENT (IE) - MAX RATED OPERATIONAL CURRENT (IE) - MIN RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS VOLTAGE TYPE AC FASTENING TYPE Front fastening MOUNTING POSITION As required LIGHT COLOR Green CONNECTION TYPE LED OVERVOLTAGE CATEGORY CONNECTION TYPE Screw connection LAMP TYPE LED LAMP HOLDER None POWER CONSUMPTION MAX. 0.33 W LIFESPAN, ELECTRICAL TERMINAL CAPACITY 0.5 - 2.5 mm²	OPERATING TORQUE	0.8 Nm
CURRENT (IE) - MAX RATED OPERATIONAL CURRENT (IE) - MIN RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS VOLTAGE TYPE AC FASTENING TYPE Front fastening MOUNTING POSITION LIGHT COLOR CONNECTION TYPE LED OVERVOLTAGE CATEGORY LIBH CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION LIFESPAN, ELECTRICAL TERMINAL CAPACITY O A A A A A A A A A A A A A		500 V
CURRENT (IE) - MIN RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN RATED OPERATIONAL VOLTAGE (UE) AT OC - MIN RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS VOLTAGE TYPE AC FASTENING TYPE Front fastening MOUNTING POSITION As required LIGHT COLOR Green CONNECTION TYPE LED OVERVOLTAGE CATEGORY CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION LIFESPAN, ELECTRICAL TERMINAL CAPACITY O 5 - 2.5 mm² O A A A A B CONME D A A A A A A A A A A A A		15 mA
CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS VOLTAGE TYPE AC FASTENING TYPE Front fastening MOUNTING POSITION As required LIGHT COLOR Green CONNECTION TYPE Front fixing LAMP TYPE LED OVERVOLTAGE CATEGORY CONNECTION TYPE Screw connection LIGHT COLOR III CONNECTION TYPE SCREW connection LAMP HOLDER None POWER CONSUMPTION Max. 0.33 W LIFESPAN, ELECTRICAL TERMINAL CAPACITY 0.5 - 2.5 mm²		5 mA
VOLTAGE (UE) AT AC - MAX RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS VOLTAGE TYPE AC FASTENING TYPE Front fastening MOUNTING POSITION As required LIGHT COLOR Green CONNECTION TYPE Front fixing LAMP TYPE LED OVERVOLTAGE CATEGORY III CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION IP20 LAMP HOLDER None POWER CONSUMPTION Max. 0.33 W LIFESPAN, ELECTRICAL TERMINAL CAPACITY 0.5 - 2.5 mm²	CURRENT FOR SPECIFIED	0 A
VOLTAGE (UE) AT AC - MIN RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS VOLTAGE TYPE AC FASTENING TYPE Front fastening MOUNTING POSITION LIGHT COLOR CONNECTION TYPE LED OVERVOLTAGE CATEGORY CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION LIFESPAN, ELECTRICAL 100,000 h (at 25°C, according to EN60064) TERMINAL CAPACITY 0.5 - 2.5 mm²	VOLTAGE (UE) AT AC -	264 V
VOLTAGE (UE) AT DC - MAX RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS VOLTAGE TYPE AC FASTENING TYPE Front fastening MOUNTING POSITION LIGHT COLOR CONNECTION TYPE LED OVERVOLTAGE CATEGORY CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION LIFESPAN, ELECTRICAL TERMINAL CAPACITY O V V V O V NON LIFESPAN, ELECTRICAL O V NON O V I W D V SCREW CON D V MAX. 0.33 W LIFESPAN, ELECTRICAL 100,000 h (at 25°C, according to EN60064) TERMINAL CAPACITY O 5 - 2.5 mm²	VOLTAGE (UE) AT AC -	85 V
VOLTAGE (UE) AT DC - MIN STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS VOLTAGE TYPE AC FASTENING TYPE Front fastening MOUNTING POSITION As required LIGHT COLOR Green CONNECTION TYPE LED OVERVOLTAGE CATEGORY CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION LAMP HOLDER POWER CONSUMPTION Max. 0.33 W LIFESPAN, ELECTRICAL 100,000 h (at 25°C, according to EN60064) TERMINAL CAPACITY 0.5 - 2.5 mm²	VOLTAGE (UE) AT DC -	0 V
DISSIPATION, NON- CURRENT-DEPENDENT PVS VOLTAGE TYPE AC FASTENING TYPE Front fastening MOUNTING POSITION LIGHT COLOR CONNECTION TYPE LED OVERVOLTAGE CATEGORY CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION LAMP HOLDER POWER CONSUMPTION LIFESPAN, ELECTRICAL TERMINAL CAPACITY 1 W CON SCREET OR Front fastening Front fixing LED Screw connection 100,000 h (at 25°C, according to EN60064)	VOLTAGE (UE) AT DC -	0 V
FASTENING TYPE MOUNTING POSITION As required LIGHT COLOR Green CONNECTION TYPE LED OVERVOLTAGE CATEGORY CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION LAMP HOLDER POWER CONSUMPTION LIFESPAN, ELECTRICAL TERMINAL CAPACITY Pront fastening As required Broad Front fastening As required Front fastening Fro	DISSIPATION, NON- CURRENT-DEPENDENT	1 W
MOUNTING POSITION LIGHT COLOR Green CONNECTION TYPE LAMP TYPE OVERVOLTAGE CATEGORY CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION LAMP HOLDER POWER CONSUMPTION Max. 0.33 W LIFESPAN, ELECTRICAL 100,000 h (at 25°C, according to EN60064) TERMINAL CAPACITY 0.5 - 2.5 mm²	VOLTAGE TYPE	AC
LIGHT COLOR CONNECTION TYPE Front fixing LAMP TYPE LED OVERVOLTAGE CATEGORY CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION LAMP HOLDER POWER CONSUMPTION LIFESPAN, ELECTRICAL TERMINAL CAPACITY O.5 - 2.5 mm²	FASTENING TYPE	Front fastening
CONNECTION TYPE LAMP TYPE LED OVERVOLTAGE CATEGORY CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION IP20 LAMP HOLDER POWER CONSUMPTION LIFESPAN, ELECTRICAL TERMINAL CAPACITY O.5 - 2.5 mm²	MOUNTING POSITION	As required
LAMP TYPE OVERVOLTAGE CATEGORY CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION LAMP HOLDER POWER CONSUMPTION Max. 0.33 W LIFESPAN, ELECTRICAL 100,000 h (at 25°C, according to EN60064) TERMINAL CAPACITY 0.5 - 2.5 mm²	LIGHT COLOR	Green
OVERVOLTAGE CATEGORY CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION IP20 LAMP HOLDER None POWER CONSUMPTION Max. 0.33 W LIFESPAN, ELECTRICAL 100,000 h (at 25°C, according to EN60064) TERMINAL CAPACITY 0.5 - 2.5 mm²	CONNECTION TYPE	Front fixing
CATEGORY CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION IP20 LAMP HOLDER None POWER CONSUMPTION Max. 0.33 W LIFESPAN, ELECTRICAL 100,000 h (at 25°C, according to EN60064) TERMINAL CAPACITY 0.5 - 2.5 mm²	LAMP TYPE	LED
CAUXILIARY CIRCUIT) DEGREE OF PROTECTION IP20 LAMP HOLDER None POWER CONSUMPTION Max. 0.33 W LIFESPAN, ELECTRICAL 100,000 h (at 25°C, according to EN60064) TERMINAL CAPACITY 0.5 - 2.5 mm²		Ш
LAMP HOLDERNonePOWER CONSUMPTIONMax. 0.33 WLIFESPAN, ELECTRICAL100,000 h (at 25°C, according to EN60064)TERMINAL CAPACITY0.5 - 2.5 mm²		Screw connection
POWER CONSUMPTION Max. 0.33 W 100,000 h (at 25°C, according to EN60064) TERMINAL CAPACITY 0.5 - 2.5 mm ²	DEGREE OF PROTECTION	IP20
LIFESPAN, ELECTRICAL 100,000 h (at 25°C, according to EN60064) TERMINAL CAPACITY 0.5 - 2.5 mm ²	LAMP HOLDER	None
TERMINAL CAPACITY 0.5 - 2.5 mm ²		
0.5 - 2.5 mm ²	POWER CONSUMPTION	Max. 0.33 W
(STRANDED)		100,000 h (at 25°C,
SHOCK RESISTANCE Mechanical, According to	LIFESPAN, ELECTRICAL	100,000 h (at 25°C, according to EN60064)

IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms

TERMINAL CAPACITY (SOLID)

0.75 - 2.5 mm²

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:



Eaton House 30 Pembroke Road Dublin 4, Eaton.com



information.



latest product and support

Follow us on social media to get the



