

Spécifications

Eaton EP-401607

Eaton Moeller® series M22 Contact element,
PCB connection, 1 N/O



Spécifications générales

PRODUCT NAME	Eaton Moeller® series M22 contact element
CATALOG NUMBER	EP-401607
MODEL CODE	M22-KP10
EAN	4015082971694
PRODUCT LENGTH/DEPTH	17.275 mm
PRODUCT HEIGHT	9.8 mm
PRODUCT WIDTH	15 mm
PRODUCT WEIGHT	0.0011 kg
CERTIFICATIONS	UL recognized IEC/EN 60947-5-5 IEC/EN 60947 RoHS REACH CE

Spécifications du produit

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.
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.5 PROTECTION	Does not apply, since the

Ressources

DECLARATIONS OF CONFORMITY	eaton-contact-element-declaration-of-conformity-eu251539en.pdf eaton-contact-element-declaration-of-conformity-eu260063en.pdf eaton-accessory-declaration-of-conformity-uk251351en.pdf
INSTRUCTIONS D'INSTALLATION	eaton-rmq-on-pcb-il047033zu.pdf
MCAD MODEL	eaton-contact-blocks-mcad-3d-models-m22-kp10.stp eaton-contact-blocks-mcad-drawings-m22-kp10.dwg

AGAINST ELECTRIC SHOCK	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.
ELECTRIC CONNECTION TYPE	PCB connection
CLIMATIC PROOFING	Dry heat to IEC 60068-2-2 Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
ACTUATING FORCE - MAX	4.5 N
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT STORAGE TEMPERATURE - MAX	85 °C
AMBIENT STORAGE TEMPERATURE - MIN	-40 °C
CONVENTIONAL THERMAL CURRENT ITH OF AUXILIARY CONTACTS (1-POLE, OPEN)	1 A
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	1
NUMBER OF SWITCHES (FAULT SIGNAL)	0
CONNECTION TO SMARTWIRE-DT	No

CONTACT CONFIGURATION	1 NO
RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	1 kA
CONNECTION TYPE	Front fixing Single contact
MOUNTING METHOD	PCB
DEGREE OF PROTECTION	IP00
MODEL	Top mounting and integrable
LAMP HOLDER	None
RATED OPERATIONAL CURRENT (IE)	0.2 A at AC-15, 48 V 0.2 A at DC-13, 48 V
LIFESPAN, ELECTRICAL	2,200,000 Operations
LIFESPAN, MECHANICAL	2,000,000 Operations
SHORT-CIRCUIT PROTECTION	1 kA/4 A GL, Contacts, Max. short-circuit protective device, Fuseless
PRODUCT CATEGORY	Accessories
SHORT-CIRCUIT PROTECTION RATING	Max. 4 A gG/gL, Fuse, Contacts Max. 4 A gG/gL, Fuse, Auxiliary contacts Max. 10 A gG/gL, Fuse, Auxiliary contacts Max. 10 A gG/gL, Fuse, Contacts
RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V	0.2 A
RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V	0.2 A
RATED OPERATIONAL CURRENT (IE) AT DC-13, 42 V	0.2 A
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	48 V
RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN	48 V
RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	48 V
SHOCK RESISTANCE	50 g, Mechanical, according to IEC/EN 60068-2-27, Half-Sinusoidal shock 11 ms

NOM DU PROJET:

NUMÉRO DU PROJET:

PRÉPARÉ PAR:

DATE:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Irlande
Eaton.com

© 2026 Eaton. Tous droits réservés.

Suivez-nous sur les réseaux sociaux
pour connaître les dernières
informations concernant nos
produits.

