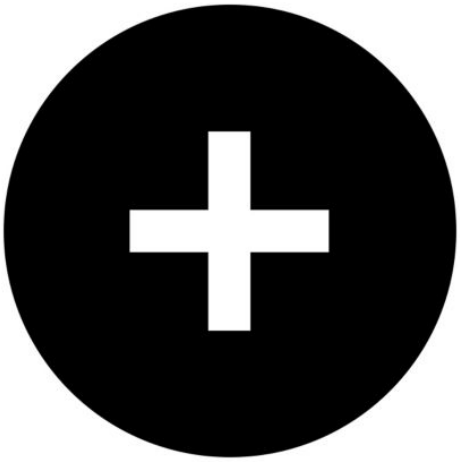
# Specifications



## Eaton 218170

Eaton Moeller® series M22 Button plate, flat black, +

| General specifications | |
|---|---|
| **PRODUCT NAME** | Eaton Moeller® series M22 button plate |
| **CATALOG NUMBER** | 218170 |
| **MODEL CODE** | M22-XD-S-X4 |
| **EAN** | 4015082181703 |
| **PRODUCT LENGTH/DEPTH** | 24 mm |
| **PRODUCT HEIGHT** | 3 mm |
| **PRODUCT WIDTH** | 24 mm |
| **PRODUCT WEIGHT** | 0.002 kg |
| **CERTIFICATIONS** | UL/CSA certification not required |

## Actuator

| | |
|---|---|
| **DESIGN** | Flush |
| **INSCRIPTION** | Other |
| **INSCRIPTION TYPE** | Symbol |
| **LANGUAGE** | Other |

## Communication

| | |
|---|---|
| **CONNECTION TO SMARTWIRE-DT** | No |

## Climatic environmental conditions

| | |
|---|---|
| **AMBIENT OPERATING TEMPERATURE - MAX** | 70 °C |
| **AMBIENT OPERATING TEMPERATURE - MIN** | -25 °C |

## Design verification

| | |
|---|---|
| **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. |
| **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. |
| **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 |

## General information

| | |
|---|---|
| **PRODUCT CATEGORY** | Accessories |
| **SUITABLE FOR** | Push button |
| **TYPE** | Flat |
| **USED WITH** | M22(S)-D-X<br>M22-DG-X<br>M22(S)-DR-X |

## Resources

| | |
|---|---|
| **CATALOGUES** | eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf |
| **DRAWINGS** | 116C125 |
| **ECAD MODEL** | ETN.218170.edz |
| **INSTALLATION INSTRUCTIONS** | IL047160002Z |
| **MCAD MODEL** | DA-CS-tastenplattenlinse_flach |

| | |
|---|---|
| **PROJECT NAME:** | |
| **PROJECT NUMBER:** | |
| **PREPARED BY:** | |
| **DATE:** | |

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