

Button plate, flat black, clamp symbol



**Part no.**                    **M22-XD-S-X14**  
**218180**

| <b>General specifications</b>                                                    |  |                                                                                                                                                     |
|----------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name                                                                     |  | Eaton Moeller® series M22 Accessory Button plate                                                                                                    |
| Part no.                                                                         |  | M22-XD-S-X14                                                                                                                                        |
| EAN                                                                              |  | 4015082181802                                                                                                                                       |
| Product Length/Depth                                                             |  | 24 millimetre                                                                                                                                       |
| Product height                                                                   |  | 3 millimetre                                                                                                                                        |
| Product width                                                                    |  | 24 millimetre                                                                                                                                       |
| Product weight                                                                   |  | 0.002 kilogram                                                                                                                                      |
| Compliances                                                                      |  | Contact Manufacturer                                                                                                                                |
| Certifications                                                                   |  | UL/CSA certification not required                                                                                                                   |
| Product Tradename                                                                |  | M22                                                                                                                                                 |
| Product Type                                                                     |  | Accessory                                                                                                                                           |
| Product Sub Type                                                                 |  | Button plate                                                                                                                                        |
| <b>Features &amp; Functions</b>                                                  |  |                                                                                                                                                     |
| Color                                                                            |  | Black                                                                                                                                               |
| Design                                                                           |  | Flush                                                                                                                                               |
| Inscription                                                                      |  | Individual inscription possible: > 5 characters: letter height 3 mm<br>Individual inscription possible: ≤ 5 characters: letter height 5 mm<br>Other |
| Inscription type                                                                 |  | Symbol                                                                                                                                              |
| Language                                                                         |  | Other                                                                                                                                               |
| Shape                                                                            |  | Round                                                                                                                                               |
| <b>General information</b>                                                       |  |                                                                                                                                                     |
| Suitable for                                                                     |  | Push button                                                                                                                                         |
| Type                                                                             |  | Flat                                                                                                                                                |
| Used with                                                                        |  | M22(S)-D-X<br>M22-DG-X<br>M22(S)-DR-X                                                                                                               |
| <b>Climatic environmental conditions</b>                                         |  |                                                                                                                                                     |
| Ambient operating temperature - min                                              |  | -25 °C                                                                                                                                              |
| Ambient operating temperature - max                                              |  | 70 °C                                                                                                                                               |
| <b>Communication</b>                                                             |  |                                                                                                                                                     |
| Connection to SmartWire-DT                                                       |  | No                                                                                                                                                  |
| <b>Design verification</b>                                                       |  |                                                                                                                                                     |
| Equipment heat dissipation, current-dependent Pvid                               |  | 0 W                                                                                                                                                 |
| Heat dissipation capacity Pdis                                                   |  | 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                                                                                                                                                 |
| 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.                                                                                                          |

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|----------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------|
| 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.                                                                   |
| 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. |

## Technical data ETIM 9.0

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| Low-voltage industrial components (EG000017) / Legend plate for control circuit devices (EC000621)                                                                                                       |    |               |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Button plate for command and alarm devices (ecI@ss13-27-37-12-24 [AKF042019]) |    |               |
| Shape                                                                                                                                                                                                    |    | Round         |
| Construction type                                                                                                                                                                                        |    | Flat          |
| Colour                                                                                                                                                                                                   |    | Black         |
| Literal imprint                                                                                                                                                                                          |    | Other         |
| Language of the imprint                                                                                                                                                                                  |    | Other         |
| Imprint ISO symbols                                                                                                                                                                                      |    | Symbol "Span" |
| Imprint                                                                                                                                                                                                  |    | Other         |
| Engravable                                                                                                                                                                                               |    | No            |
| Programme diameter                                                                                                                                                                                       | mm | 22            |
| Width                                                                                                                                                                                                    | mm | 24            |
| Height                                                                                                                                                                                                   | mm | 3             |
| Outer diameter                                                                                                                                                                                           | mm | 22.5          |
| Suitable for push button                                                                                                                                                                                 |    | Yes           |
| Suitable for illuminated push buttons                                                                                                                                                                    |    | No            |
| Suitable for indicator light                                                                                                                                                                             |    | No            |
| Suitable for mushroom head push button                                                                                                                                                                   |    | No            |
| Suitable for signalling lamp                                                                                                                                                                             |    | No            |
| Suitable for selector switch                                                                                                                                                                             |    | No            |