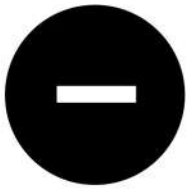
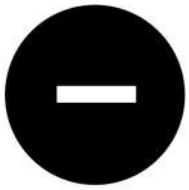
# DATASHEET - M22-XD-S-X5



**Button plate, flat black, -**

| | |
|---|---|
| **Part no.** | **M22-XD-S-X5** |
| **Catalog No.** | **218171** |
| **Alternate Catalog No.** | **M22-XD-S-X5Q** |

## Delivery program

| | | | |
|---|---|---|---|
| Product range | | | Accessories |
| Basic function accessories | | | Button plates for pushbutton actuators |
| Description | | | ≦ 5 characters: letter height 5 mm<br>> 5 characters: letter height 3 mm |
| Design | | | Flush |
| Name | | | Decrease |
| Selection to | | | Symbol |
| For use with | | | M22(S)-D-X<br>M22(S)-DR-X<br>M22-DG-X<br>M30C-FD-X<br>M30C-FDR-X |
| **Colour, symbol** | | | |
| | | |  |
| Connection to SmartWire-DT | | | no |

## Technical data

### General

| | | | |
|---|---|---|---|
| Ambient temperature | | | |
| Open | | °C | -25 - +70 |

## Design verification as per IEC/EN 61439

| | | | |
|---|---|---|---|
| Technical data for design verification | | | |
| Rated operational current for specified heat dissipation | $I_n$ | A | 0 |
| Heat dissipation per pole, current-dependent | $P_{vid}$ | W | 0 |
| Equipment heat dissipation, current-dependent | $P_{vid}$ | W | 0 |
| Static heat dissipation, non-current-dependent | $P_{vs}$ | W | 0 |
| Heat dissipation capacity | $P_{diss}$ | W | 0 |
| Operating ambient temperature min. | | °C | -25 |
| Operating ambient temperature max. | | °C | 70 |
| IEC/EN 61439 design verification | | | |
| 10.2 Strength of materials and parts | | | |
| 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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties | | | |
| 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 7.0

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 (ecl@ss10.0.1-27-37-12-24 [AKF042014])

| | | | |
|---|---|---|---|
| Shape | | | Round |
| Construction type | | | Flat |
| Colour | | | Black |
| Imprint | | | Other |
| Imprint ISO symbols | | | "Symbol "" - """ |
| Engravable | | | No |
| Programme diameter | | mm | 22 |
| Width | | mm | 0 |
| Height | | mm | 0 |
| Outer diameter | | mm | 22.5 |
| Suitable for push button | | | Yes |
| Suitable for illuminated push buttons | | | No |
| Suitable for indicator light | | | No |
| Mushroom head push button | | | No |
| Suitable for signalling lamp | | | No |
| Suitable for selector switch | | | No |

## Approvals

| | | | |
|---|---|---|---|
| North America Certification | | | UL/CSA certification not required |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