

Button plate, flat black, I

Part no. M22-XD-S-X1  
 Catalog No. 218166  
 Alternate Catalog No. M22-XD-S-X1Q

## 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                       |  |  | START                                                                    |
| 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         |
| 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 <sub>n</sub>    | A  | 0                                                                  |
| Heat dissipation per pole, current-dependent                                                                           | P <sub>vid</sub>  | W  | 0                                                                  |
| Equipment heat dissipation, current-dependent                                                                          | P <sub>vid</sub>  | W  | 0                                                                  |
| Static heat dissipation, non-current-dependent                                                                         | P <sub>vs</sub>   | W  | 0                                                                  |
| Heat dissipation capacity                                                                                              | P <sub>diss</sub> | 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 8.0

|                                                                                                                                                                                                              |  |    |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|------------|
| 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 (ecI@ss10.0.1-27-37-12-24 [AKF042014]) |  |    |            |
| Shape                                                                                                                                                                                                        |  |    | Round      |
| Construction type                                                                                                                                                                                            |  |    | Flat       |
| Colour                                                                                                                                                                                                       |  |    | Black      |
| Meaning of the imprint                                                                                                                                                                                       |  |    | Other      |
| Language of the imprint                                                                                                                                                                                      |  |    | Other      |
| Imprint ISO symbols                                                                                                                                                                                          |  |    | Symbol "I" |
| 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         |