# DATASHEET - M22-XDH-S-X10

Part no.

No.

Catalog No.



Button plate, raised black, automatic sequence symbol

M22-XDH-S-X10 218221 Alternate Catalog M22-XDH-S-X100



### **Delivery program**

Product range	Accessories
Basic function accessories	Button plates for pushbutton actuators
Description	≦ 5 characters: letter height 5 mm > 5 characters: letter height 3 mm
Design	Extended
Name	Automatic
Selection to	Symbol
For use with	M22(S)-D-X M22(S)-DR-X M22-DG-X M30C-FD-X M30C-FDR-X
Colour, symbol	
	6
Connection to SmartWire-DT	no

## **Technical data**

#### General

Ambient temperature		
Open	°C	-25 - +70

## Design verification as per IEC/EN 61439

Rated operational current for specified heat dissipation   In   A   0     Heat dissipation per pole, current-dependent   Pvid   Va   0     Equipment heat dissipation, current-dependent   Pvid   Va   0     Static heat dissipation, non-current-dependent   Pvs   Va   0     Heat dissipation capacity   Poiss   Va   0     Operating ambient temperature min.   °c   25     Operating ambient temperature max.   or   °C   70	Design vernication as per ILG/LIV 01455			
Heat dissipation per pole, current-dependent   Pvid   We     Equipment heat dissipation, current-dependent   Pvid   We   0     Static heat dissipation, non-current-dependent   Pvis   We   0     Heat dissipation capacity   Pdiss   We   0     Operating ambient temperature min.   Pdiss   Ve   0     Operating ambient temperature max.   °C   -5     Operating ambient temperature max.   °C   -5     10.2 Strength of materials and parts   Met   Mets the product standard's requirements.     10.2.2 Corrosion resistance   Mets the product standard's requirements.   Mets the product standard's requirements.     10.2.3.1 Verification of thermal stability of enclosures   Mets the product standard's requirements.   Mets the product standard's requirements.     10.2.3.2 Verification of resistance of insulating materials to normal heat   Mets the product standard's requirements.   Mets the product standard's requirements.     10.2.3.1 Verification of resistance of insulating materials to abnormal heat   Mets the product standard's requirements.   Mets the product standard's requirements.     10.2.3.2 Verification of resistance of insulating materials to abnormal heat   Mets the product standard's requirements.   Mets the product standard's requirements.	Technical data for design verification			
Equipment heat dissipation, current-dependent     Pvid     Vid     Vid       Equipment heat dissipation, non-current-dependent     Pvid     Vid     0       Itel dissipation, non-current-dependent     Pvids     Vid     0       Peter dissipation capacity     Pdiss     Vid     0       Operating ambient temperature min.     ***     ***     ***       Operating ambient temperature max.     ***     ***     ***       Ite 2 Strength of materials and parts     ***     ***     ***       Ite 2 Strength of materials and parts     ***     ***     ***       Ite 2 Strength of materials and parts     ***     ***     ***       Ite 2 Strength of materials and parts     ***     ***     ***       Ite 2 Strength of materials to portabulating materials to normal heat     ***     ***     ***       Ite 2 Strength of resistance of insulating materials to abnormal heat     ***     ***     ***       Ite 2 Strength fire due to internal electric effects     ***     ***     ***       Ite 2 Strength fire due to internal stability of enclosures     ***     ***     *** <td< td=""><td>Rated operational current for specified heat dissipation</td><td>In</td><td>А</td><td>0</td></td<>	Rated operational current for specified heat dissipation	In	А	0
Static heat dissipation, non-current-dependent   Pvs   We   0     Heat dissipation capacity   Pdiss   We   0     Operating ambient temperature min.   °C   -5     Operating ambient temperature max.   °C   70     EC/EN 61439 design verification   °C   70     10.2 Strength of materials and parts   °C   70     10.2.3 Lverification of thermal stability of enclosures   Mets the product standard's requirements.     10.2.3.1 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects   Mets the product standard's requirements.     10.2.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects   Mets the product standard's requirements.     10.2.3.4 Resistance to ultra-violet (UV) radiation   Pease enquire     10.2.5 Lifting   Des not apply, since the entire switchgear needs to be evaluated.     10.2.6 Mechanical impact   Des not apply, since the entire switchgear needs to be evaluated.     10.2.7 Inscriptions   Des not apply, since the entire switchgear needs to be evaluated.     10.3.0 Egree of protection of ASSEMBLIES   Des not apply, since the entire switchgear needs to be evaluated.	Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0
Heat dissipation capacity     Pdiss     W     Order       Operating ambient temperature min.     °C     °C </td <td>Equipment heat dissipation, current-dependent</td> <td>P<sub>vid</sub></td> <td>W</td> <td>0</td>	Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0
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Operating ambient temperature max.C70EC/EN 61439 design verificationPFF10.2 Strength of materials and partsMeets the product standard's requirements.F10.2.3 Corrosion resistanceMeets the product standard's requirements.Meets the product standard's requirements.10.2.3.1 Verification of thermal stability of enclosuresMeets the product standard's requirements.Meets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationPease enquireDees not apply, since the entire switchgear needs to be evaluated. Meets the product standard's requirements.10.2.5 LiftingDees not apply, since the entire switchgear needs to be evaluated. Meets the product standard's requirements.10.2.7 InscriptionsDees not apply, since the entire switchgear needs to be evaluated. Meets the product standard's requirements.	Heat dissipation capacity	P <sub>diss</sub>	W	0
EC/EN 61439 design verification   Image: Construct of materials and parts   Image: Construct of materials and parts     10.2 Strength of materials and parts   Meets the product standard's requirements.     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 and fire due to internal electric 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   Dees not apply, since the entire switchgear needs to be evaluated.     10.2.7 Inscriptions   Meets the product standard's requirements.     10.2.7 Inscriptions   Meets the product standard's requirements.	Operating ambient temperature min.		°C	-25
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	10.2.7 Inscriptions			Meets the product standard's requirements.
10.4 Clearances and creepage distances 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		High
Colour		Black
Imprint		Other
Imprint ISO symbols		Other
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

### Additional product information (links)

#### IL04716002Z (AWA1160-1745) RMQ-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan https://es-assets.eaton.com/DOCUMENTATION/AWA\_INSTRUCTIONS/IL04716002Z2020\_09.pdf System