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Powering Business Worldwide

M22-F12 - Surface mounting enclosure, flat, 2 mounting locations, M22



197232 M22-F12

[Overview](#) [Specifications](#) [Resources](#)



197232 M22-F12

Surface mounting enclosure, flat, 2 mounting locations, M22

Surface mounting enclosure, Housing: Insulated material, With high-grade steel screws, Number of locations: 2, Cable entry: rear: 1 x M20, lateral: 2 x M20 (1 x each side), Colour RAL Value: RAL 7035, Colour: Enclosure base anthracite, Connection to SmartWire-DT: no, For use with: 2 x 22.5, For use with: (Illuminated) pushbuttons, (Illuminated) selector switches, Key-operated pushbuttons, Indicator light, EMERGENCY-STOP/EMERGENCY OFF buttons with yellow label, Flat rear contact elements M22-FK..., Flat Rear LED elements M22-FLED-...



- [Delivery program](#)
- [Technical data](#)
- [Design verification as per IEC/EN 61439](#)

Delivery program

Basic function accessories
Surface mounting enclosure
Housing

- Technical data ETIM 7.0
- Approvals
- Dimensions

Insulated material
 With high-grade steel screws
 Number of locations
 2 Qty.
 Cable entry knockouts
 Cable entry
 rear: 1 x M20
 lateral: 2 x M20 (1 x each side)
 Degree of Protection
 IP66, IP67, IP69
 Impact resistance
 IK06 according to EN 50102
 Colour



RAL Value
 RAL 7035
 Colour
 Enclosure base anthracite
 Connection to SmartWire-DT
 no
 For use with
 2 x □ 22.5
 For use with
 (Illuminated) pushbuttons
 (Illuminated) selector switches
 Key-operated pushbuttons
 Indicator light
 EMERGENCY-STOP/EMERGENCY OFF buttons with yellow label
 Flat rear contact elements M22-FK..
 Flat Rear LED elements M22-FLED-...

Technical data

General
 Degree of Protection
 IP66, IP67, IP69
 Ambient temperature Open
 -25 - +70 °C

Design verification as per IEC/EN 61439

Operating ambient temperature min.
 -25 °C
 Operating ambient temperature max.
 +70 °C
 Impact resistance
 IK06 according to EN 50102

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Enclosure for control circuit devices (EC000200)
 Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Housing for command and alarm devices (ecl@ss10.0.1-27-37-12-05 [AKF023014])
 Number of command positions
 2
 Construction type housing
 Surface mounting housing
 Material housing
 Plastic
 Material quality housing
 Other
 Diameter openings
 22.5 mm
 Colour housing cover
 Grey
 Degree of protection (IP)

IP67/IP69K
Degree of protection (NEMA)
4X
Width
43 mm
Height
188 mm
Depth
44 mm

Approvals

Product Standards
IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
UL File No.
E29184
UL Category Control No.
NKCR
CSA File No.
012528
CSA Class No.
3211-03
North America Certification
UL listed, CSA certified
Degree of Protection
UL/CSA Type 1, 3R, 4X

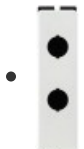
Dimensions



CAD data

- [Product-specific CAD data](#)
(Web)
- [3D Preview](#)
(Web)
- [DA-CD-m22_fi2](#)
CAD data
DWG files
(Web)
- [DA-CE-ETN.M22-F2](#)
CAD data
edz files
(Web)
- [DA-CS-m22_fi2](#)
CAD data
Step files
(Web)

Product photo



[Photo](#)

Product photo

Photo



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Product photo

Photo



Photo

Product photo

Photo



Photo

Product photo

Photo

3D drawing

- [1160DRW-545](#)
3D drawing
Line drawing

Dimensions single product

- [1160DIM-194](#)
Dimensions single product
Line drawing
- [1160DIM-203](#)
Dimensions single product
Line drawing

Symbol

- [000Z083](#)
Symbol
Graphic
totally insulated (en, de, fr, es, it, zh, ru, nl, sv, cs, pl, tr)



- [116C062](#)
Symbol
Graphic
Button plate, grey

Instruction Leaflet

- [RMQ-Titan: Flat enclosure \(IL047023ZU\)](#)
Instruction Leaflet
(PDF, 07/2018, Language independent)

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