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Worldwide English



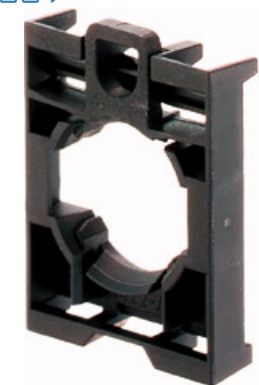
Powering Business Worldwide

M22-A - Mounting clamp



216374 M22-A

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



216374 M22-A

Mounting clamp

Alternate Catalog No.

M22-AQ

EL-Nummer (Norway)

4355362

Mounting clamp, front mount for 3 contact/LED elements

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

Basic function accessories

Mounting adaptor

Function

Mounting clamp (front mounting) for 3-contact LED elements

Description

for 1 function element M22-SWD-K... or LED element M22-SWD-LED...

in addition 1 or 2 contact elements M22-K.. possible

Sequence numbers on fixing adaptor

Fixing

Front fixing

Connection to SmartWire-DT

yes

For use with

M22-SWD-K..

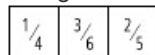
M22-SWD-LED...

For use with

Contact elements M22-(C)K...

LED elements M22-(C)LED...

Configuration



Technical data

General

Climatic proofing

Damp heat, constant, to IEC 60068-2-78
Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature Open
-25 - +70 °C

Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation [I_r]

0 A

Heat dissipation per pole, current-dependent [P_{vid}]

0 W

Equipment heat dissipation, current-dependent [P_{vid}]

0 W

Static heat dissipation, non-current-dependent [P_{vs}]

0 W

Heat dissipation capacity [P_{diss}]

0 W

Operating ambient temperature min.

-25 °C

Operating ambient temperature max.

+70 °C

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 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2 Strength of materials and parts 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 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation

Please enquire

10.2 Strength of materials and parts 10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts 10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts 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 Insulation properties 10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

10.9 Insulation properties 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) / Adapter for control circuit devices (EC001020)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Adapter for command devices (ecl@ss10.0.1-27-37-12-26 [AKF044014])

Built-in diameter

22 mm

Number of appliances to build in

6

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

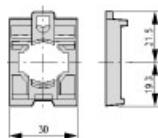
CSA Class No.

3211-03

North America Certification

UL listed, CSA certified

Dimensions



Fixing adapters

Fixing adapter (front mount) for 3-contacts-/LED elements

CAD data

- [Product-specific CAD data](#)
(Web)
- [3D Preview](#)
(Web)

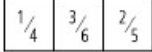
DWG files

- [DA-CD-adapter](#)
File
(Web)

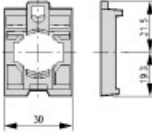
Step files

- [DA-CS-adapter](#)
File
(Web)

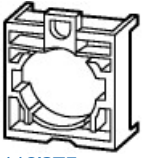
Flow diagram

- 
[116Q021](#)
Line drawing
Assignment of the fixing adapter

Dimensions single product

- 
[116X126](#)
Line drawing
Fixing adapter

3D drawing



116275

Line drawing

SmartWire-DT M22-SWD adapter function elements

Product photo



1160PIC-164

Photo

Fixing adapters

Instruction Leaflet

- [RMQ-Titan System \(IL04716002Z\)](#)
Asset
former AWA1160-1745, IL04716001E
(PDF, 09/2020, multilingual)

Manual

- [SmartWire-DT, System Description \(MN05006002Z_DE\)](#)
Asset
former AWB2723-1617
(PDF, 01/2016, de)
- [SmartWire-DT, System Description \(MN05006002Z_EN\)](#)
Asset
former AWB2723-1617
(PDF, 01/2016, en)

Declaration of Conformity

EU

- [E-stop operating devices RMQ Titan & acc. M22/M30\(S\)-PV\(LT\)30... \(DA-DC-00003323\)](#)
Asset
(PDF)
- [Emergency-stop operating devices RMQ Titan & accessories M22-..., M30-... \(DA-DC-00003622\)](#)
Asset
(PDF)
- [RMQ Titan \(Operating and signalling devices\) M22.../M30.../C22.../C30... \(DA-DC-00003657\)](#)
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UK

- [RMQ Titan \(Operating and signalling devices\) M22.../M30.../C22.../C30... \(DA-DC-00003960\)](#)
Asset
(PDF)

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