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Worldwide English



Powering Business Worldwide

M22S-WRJ4 - Joystick, with one operating point per operating direction, With plastic shaft, 4 positions, Bezel: black, maintained



279416 M22S-WRJ4

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



279416 M22S-WRJ4

Joystick, with one operating point per operating direction, With plastic shaft, 4 positions, Bezel: black, maintained

Alternate Catalog No.

M22S-WRJ4Q

EL-Nummer (Norway)

4355476

Joystick, Product range: RMQ-Titan, Single unit, Description: with one operating point per operating direction, With plastic shaft, 4 positions, Degree of Protection: IP66, Bezel: black, Connection to SmartWire-DT: yes, with SWD-RMQ connections, Front dimensions: - NA -, Function: maintained, Standards: IEC/EN 60947, VDE 0660

• [Delivery program](#)

• [Technical data](#)

• [Design verification as per IEC/EN 61439](#)

• [Technical data ETIM 7.0](#)

• [Approvals](#)

• [Dimensions](#)

Delivery program

Product range

RMQ-Titan

Basic function

Joystick

Mounting hole diameter [□]

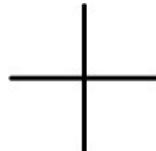
22.5 mm

Single unit/Complete unit

Single unit

Function: [□ = spring-return]

Function



Description

with one operating point per operating direction

With plastic shaft

4 positions

Degree of Protection

IP66

Front ring

Bezel: black

Connection to SmartWire-DT

yes

with SWD-RMQ connections
Function
maintained

Technical data

General
Standards
IEC/EN 60947
VDE 0660
Lifespan, mechanical [Operations]
> 0.1 x 10⁶
Operating frequency [Operations/h]
□ 2000
Actuating force
□ 5 n
Climatic proofing
Damp heat, constant, to IEC 60068-2-78
Damp heat, cyclic, to IEC 60068-2-30
Degree of Protection
IP66
Ambient temperature Open
-25 - +70 °C
Mounting position
As required
Mechanical shock resistance
30
Shock duration 11 ms
Sinusoidal
according to IEC 60068-2-27 g
shipping classification
DNV
GL
LR



Germanischer Lloyd



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_{id}]

0 W

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

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) / Control switch, Joystick (EC000632)
Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Control switch, joystick (ecl@ss10.0.1-27-37-14-04 [AKF061013])
Rated operation current I_e at AC-21, 400 V
0 A
Centre mounting, hole diameter
22.5 mm
Joy stick length
75 mm
Number of actuation directions
4
Number of switch levels
1
Number of normally open contacts per actuation direction
0
Number of normally closed contacts per actuation direction
0
Number of make-and-break contacts per direction
0
With retraction in 0-position
No
Locking in 0-position
No
Coder
No
Analogue output signal configurable
No
With front ring
Yes
Material front ring
Plastic
Colour front ring
Black
Degree of protection (IP)

IP66
Degree of protection (NEMA)
4X

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 3R, 4X, 12, 13

Dimensions



CAD data

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

DWG files

- [DA-CD-joystick_4_fach](#)
File
(Web)

edz files

- [DA-CE-ETN.M22S-WRJ4](#)
File
(Web)

Step files

- [DA-CS-joystick_4_fach](#)
File
(Web)

Product photo



1160PIC-1658
Photo


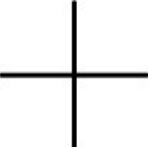
3D drawing

- [116I355](#)
Line drawing
Four-way operator: Joystick

Dimensions single product

- [1160DIM-7](#)
Line drawing
- [116X096](#)
Line drawing
Four-way operator: Joystick

Symbol

- 
[Germanischer Lloyd](#)
[0000SFC-180](#)
Graphic
Germanischer Lloyd approval for Germany (color logo)
- 
[DNV](#)
[0000SFC-183](#)
Logo
Approval Norway Det Norske Veritas DNV
- 
[116Z030](#)
Graphic
Four-way operator status indication

Instruction Leaflet

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

StandardsSymbol

- 
[Lloyd's Register](#)
[0000SFC-179](#)
Graphic
Lloyd's Register approval for Great Britain

Declaration of Conformity

EU

- [RMQ Titan \(Operating and signalling devices\) M22.../M30.../C22.../C30... \(DA-DC-00003657\)](#)
Asset
(PDF)

UK

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

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