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M22-RJ45-SA - Bulkhead interface, RJ45 socket, 8/8, cat. 5e, Bezel: titanium



107413 M22-RJ45-SA

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# 107413 M22-RJ45-SA

Bulkhead interface, RJ45 socket, 8/8, cat. 5e, Bezel: titanium

Alternate Catalog No.

M22-RJ45-SAQ

EL-Nummer (Norway)

4355601

Bulkhead interface, General accessories, RJ45 socket, 8/8, cat. 5e, Degree of Protection: IP65 (with closed cover), IP20 (with plug connected), Bezel: titanium, Connection to SmartWire-DT: no, For use with: Front mounting, Number of poles: 8 pole

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## Delivery program

Accessories

General accessories

Basic function accessories

Bulkhead interface, RJ45 socket

RJ45 socket, 8/8, cat. 5e

Degree of Protection

IP65 (with closed cover)

IP20 (with plug connected)

Front ring

Bezel: titanium

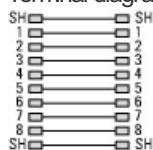
Connection to SmartWire-DT

no

For use with

Front mounting

Terminal diagram/ contact assignment



## Technical data

Technical data

Nominal voltage [U<sub>N</sub>]

AC 24 V  
Voltage range  
AC 50 V  
Rated current  
1500 mA  
Number of poles  
8 pole  
Class / category  
5  
Contact type art  
1 : 1  
Screen earth kit  
yes  
General  
Design  
RJ45  
Insulation resistance [ $R_{SO}$ ]  
>  $\square$  100 M $\Omega$   
Volume resistance  
< 30 m $\Omega$   
Contact material  
CuSn, gold-plated  
Mounting  
Front panel cutout d = 22.5 mm  
Mounting depth:  
ca. 70 (incl. Krümmung) mm  
Ambient temperature  
-25 - +70  
Storage  
- 25 - + 80 °C  
Lifespan, mechanical [Operations]  
< 750 insertion cycles  
Weight  
0.02 kg/piece

## Design verification as per IEC/EN 61439

Technical data for design verification

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

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

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) / Accessories for control circuit devices (EC002024)

Type of electrical accessory

Other

Type of mechanical accessory

Other

## Approvals

Product Standards

UL 508; CSA-C22.2 No. 142; IEC/EN 6113-2; CE marking

UL File No.

E330994

UL Category Control No.

DUXR, DUXR7

CSA File No.

UL report applies to both US and Canada

CSA Class No.

-

North America Certification

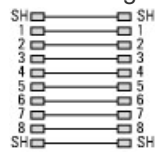
UL listed, certified by UL for use in Canada

Degree of Protection

IEC: IP65 and UL/CSA NEMA Type 2, 3R, 4, 4X, 12, 13 when closed, IP20 when connected

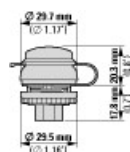
## Characteristics

Terminal diagram/ contact assignment



SH: Schirmung

## Dimensions



## CAD data

- Product-specific CAD data (Web)
- 3D Preview

(Web)

## DWG files

- [DA-CD-rj45](#)  
File  
(Web)

## edz files

- [DA-CE-ETN.M22-RJ45-SA](#)  
File  
(Web)

## Step files

- [DA-CS-rj45](#)  
File  
(Web)

## Product photo



• [1160PIC-418](#)

Photo

Built-in RJ45 socket with dust cover

## Wiring diagram



• [1160SWM-10](#)

Line drawing

Connection set-up of 8-pole crossover cable

## 3D drawing

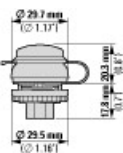


• [1160DRW-23](#)

Line drawing

Built-in RJ45 socket

## Dimensions single product



• [1160DIM-111](#)

Line drawing

## Instruction Leaflet

- [RMQ-Titan System\(IL04716002Z\)](#)  
Asset  
former AWA1160-1745, IL04716001E

# 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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