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M22-USB-SA - Bulkhead interface, 0.6 m, Prefabricated cable with permanently connected USB 3.0 Type A plug, Bezel: titanium



107412 M22-USB-SA

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107412 M22-USB-SA

Bulkhead interface, 0.6 m, Prefabricated cable with permanently connected USB 3.0 Type A plug, Bezel: titanium

Alternate Catalog No.

M22-USB-SAQ

EL-Nummer (Norway)

4355600

Bulkhead interface, General accessories, Prefabricated cable with permanently connected USB 3.0 Type A plug, Cable length: 0.6 m, 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: 9

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Delivery program

Accessories

General accessories

Basic function accessories

Bulkhead interface, RJ45 socket

Prefabricated cable with permanently connected USB 3.0 Type A plug

Cable length

0.6 m

Degree of Protection

IP65 (with closed cover)

IP20 (with plug connected)

Front ring

Bezel: titanium

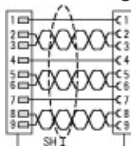
Connection to SmartWire-DT

no

For use with

Front mounting

Terminal diagram/ contact assignment



Technical data

Technical data
Nominal voltage [U_N]
AC/DC 5V
Voltage range
Max. 30 V
Rated current
900 mA
Number of poles
9
Baud rate
Max. 5 Gbit/s kBd
Class / category
3.0
Contact type art
1 : 1
Screen earth kit
yes
General
Design
USB 3.0 A
Insulation resistance [R_{SO}]
> □ 100 MΩ
Volume resistance
< 30 mΩ
Contact material
CuSn, gold-plated
Mounting
Front panel cutout d = 22.5 mm
Mounting depth:
ca. 70 (incl. Krümmung) mm
Cable sheath
PVC
Outer cable diameter
6.1 mm
Bending radius
15 x Cable diameter
Ambient temperature
-20 - +70
Storage
- 25 - + 80 °C
Lifespan, mechanical [Operations]
> 100 insertion cycles
Weight
0.044 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.

-20 °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

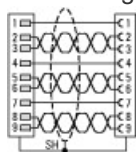
UL listed, certified by UL for use in Canada

Degree of Protection

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

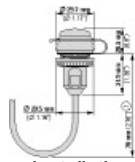
Characteristics

Terminal diagram/ contact assignment



SH: Schirmung

Dimensions



Installation depth

CAD data

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

DWG files

- [DA-CD-m22_usb_sa_v3](#)
File
(Web)

Step files

- [DA-CS-m22_usb_sa_v3](#)
File
(Web)

Product photo



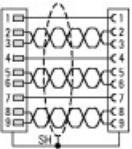
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[1160PIC-419](#)

Photo

Built-in USB socket with cable and dust cover

Wiring diagram



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[1160SVM-44](#)

Line drawing

3D drawing



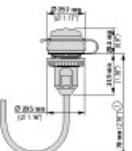
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[1160DRV-22](#)

Line drawing

Built-in USB

Dimensions single product



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[1160DIM-109](#)

Line drawing

Installation depth

Instruction Leaflet

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

Declaration of Conformity

EU

- [RMQ Titan \(Operating and signalling devices\) M2.../M30.../C22.../C30...](#) (DA-DC-00003657)
Asset
(PDF)

UK

- [RMQ Titan \(Operating and signalling devices\) M2.../M30.../C22.../C30...](#) (DA-DC-00003960)
Asset
(PDF)

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