



Front element, chrome, +USB 3.0 A/A, connection cable 1.5m

Part no. M22-USB-SA-150
Catalog No. 147543
Alternate Catalog No. M22-USB-SA-150Q
EL-Nummer (Norway) 0004315262



Powering Business Worldwide™

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	m	1.5
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		<p>Terminal diagram showing 9 pins labeled 1 through 9 and C1 through C9, with a ground connection labeled SH.</p>
Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1		
Minimum force for positive opening	N	0

Technical data

Technical data

Nominal voltage	U _L	AC/DC 5V
Voltage range		Max. 30 V
Rated current	mA	900
Number of poles		9
Baud rate	kBd	Max. 5 Gbit/s
Class / category		3.0
Contact type art		1 : 1
Screen earth kit		yes

General

Design		USB 3.0 A
Insulation resistance	R _{ISO}	MΩ
Volume resistance		> 100
Contact material		< 30 mΩ
Mounting		CuSn, gold-plated
Mounting depth:	mm	Front panel cutout d = 22.5 mm
Cable sheath		ca. 70 (incl. Krümmung)
Outer cable diameter	mm	PVC
Bending radius		6.1
Ambient temperature		15 x Cable diameter
Storage	°C	-20 - +70
Lifespan, mechanical	Operations	-25 - +80
		> 100 insertion cycles

Design verification as per IEC/EN 61439

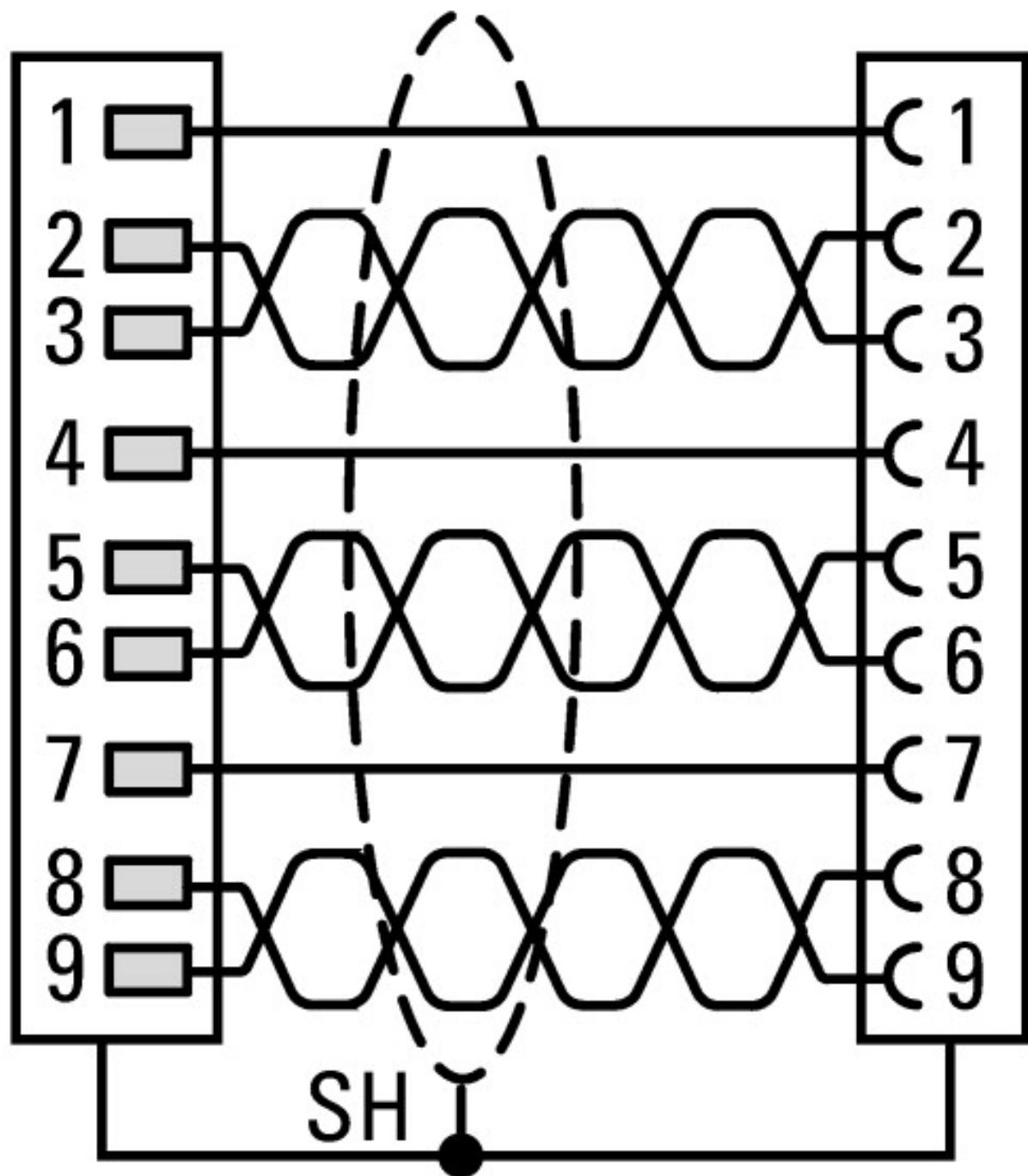
Technical data for design verification		P _{diss}	W	0
Heat dissipation capacity			°C	-20
Operating ambient temperature min.			°C	70
Operating ambient temperature max.				
IEC/EN 61439 design verification				
10.2 Strength of materials and parts				
10.2.2 Corrosion resistance				Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures				Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat				Meets the product standard's requirements.
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.
10.2.4 Resistance to ultra-violet (UV) radiation				Please enquire
10.2.5 Lifting				Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact				Does not apply, since the entire switchgear needs to be evaluated.
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.
10.9.3 Impulse withstand voltage				Is the panel builder's responsibility.
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

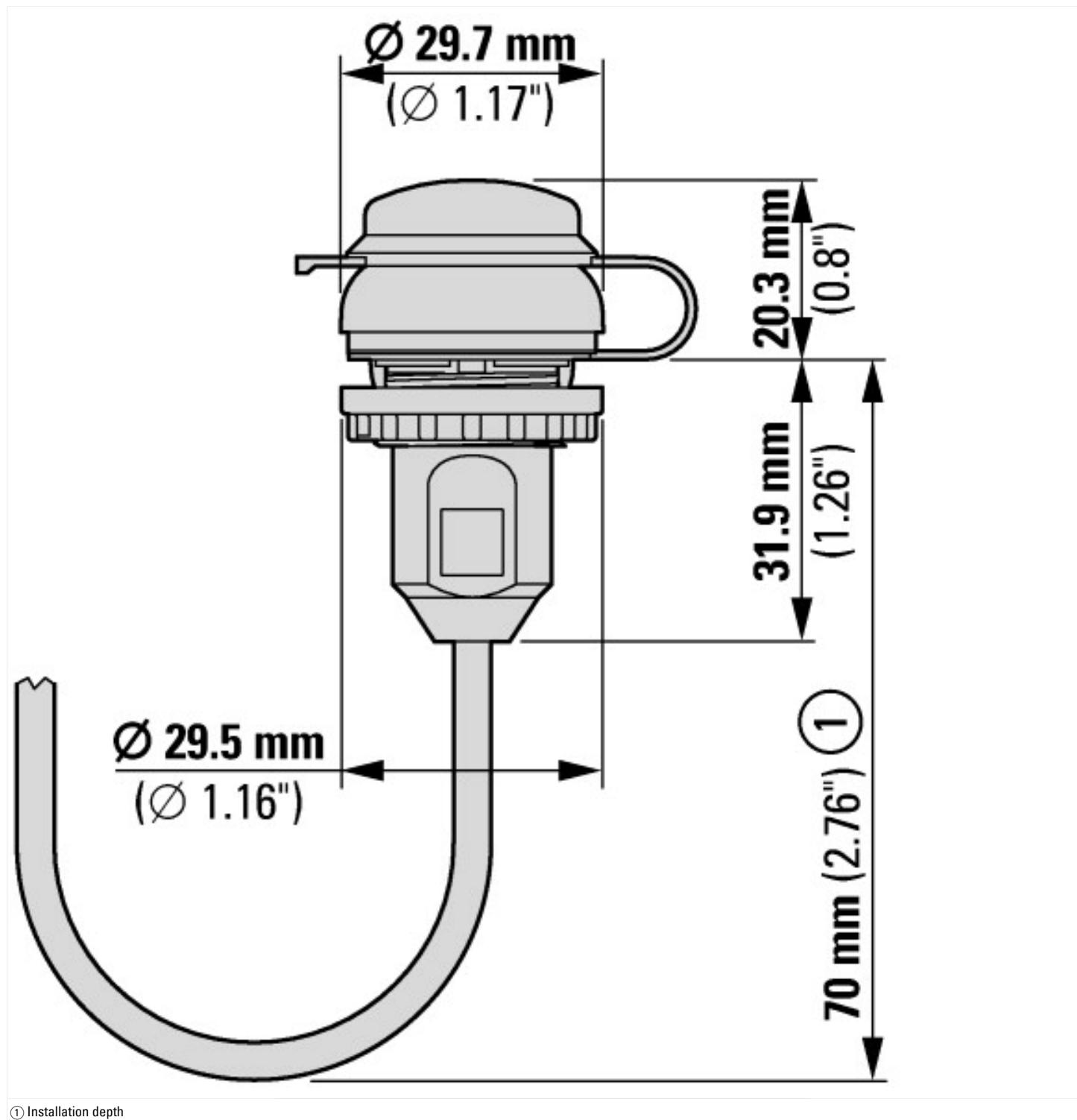
Approvals

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 12 when closed, IP20 when connected



SH: Schirmung

Dimensions



Assets (links)

[Declaration of CE Conformity](#)

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