AXL SE SC

Axioline Smart Elements, slot cover



Data sheet
109444_en_01

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1 Description

You can integrate Axioline Smart Elements into systems with the Smart Element interface.
This Smart Element covers an unused Smart Element slot.

Features

– Protects an unused Smart Element slot

The following controllers and bus couplers support the AXL SE SC slot cover from the specified firmware version:

Type	Firmware version
Controllers	
AXC 1050	≥ 5.0
AXC 3050	≥ 6.3
AXC F 1152	≥ 2020.0
AXC F 2152	≥ 2020.0
AXC F 3152	≥ 2020.3

Type	Firmware version
Bus coupler	
AXL F BK PN TPS (XC)	≥ 1.30
AXL F BK ETH (XC)	≥ 1.30
AXL F BK EIP (XC) (EF)	≥ 1.30
AXL F BK EC	≥ 1.30
AXL F BK S3	≥ 1.35
AXL F BK PB (XC)	≥ 2.20

Controllers and bus couplers not listed in the table do not support the AXL SE SC slot cover.

In this case, use the AXL SE SC-A slot cover or a different smart element, such as AXL SE DI16/1.

This Smart Element is passive: process data is not available, PDI objects are not implemented.
If you are using an engineering system, configure the Smart Element accordingly.

This data sheet is only valid in association with the UM EN AXL SE SYS INST user manual.

Make sure you always use the latest documentation.
It can be downloaded at: phoenixcontact.net/product/1167159

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3 Ordering data

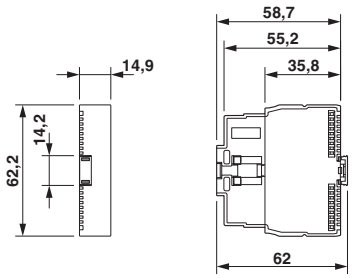
Description	Type	Order No.	Pcs./Pkt.
Axioline Smart Elements, Slot cover, degree of protection: IP20	AXL SE SC	1167159	1

Documentation	Type	Order No.	Pcs./Pkt.
User manual, English, Axioline Smart Elements	UM EN AXL SE SYS INST	-	-

Additional ordering data	
For additional ordering data (accessories), go to:	www.phoenixcontact.net/product/1167159

4 Technical data

Dimensions (nominal sizes in mm)



Width	14.9 mm
Height	62.2 mm
Depth	62 mm

General data	
Color	traffic grey A RAL 7042
Weight	17 g
Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP20
Mounting position	See the system in which the Smart Element is used.

Do not use the Smart Element in an atmosphere that contains corrosive gas.

Connection data	
Connection method	without

Input and output address area	
Input address area	0 Byte (All systems except PROFIBUS) 1 Byte (PROFIBUS)
Output address area	0 Byte
Configuration and parameter data in a PROFIBUS system	
Required parameter data	1 Byte
Required configuration data	6 Byte
Mechanical tests	
Vibration resistance in acc. with EN 60068-2-6/ IEC 60068-2-6	5g
Shock in acc. with EN 60068-2-27/IEC 60068-2-27	30g
Continuous shock according to EN 60068-2-27/ IEC 60068-2-27	10g
Approvals	
For the current approvals, go to:	www.phoenixcontact.net/product/1167159
Manufacturer's declarations	
For the current manufacturer’s declarations, go to:	www.phoenixcontact.net/product/1167159

5 For your safety

5.1 Intended use

Use Smart Elements exclusively in accordance with the specifications in the data sheet and the “Axioline Smart Elements” user manual.
Please also refer to the documentation for the system in which the Smart Elements are used.

5.2 Qualification of users

The use of products described in this data sheet is oriented exclusively to electrically skilled persons or persons instructed by them. The users must be familiar with the relevant safety concepts of automation technology as well as applicable standards and other regulations.

5.3 Locking a Smart Element

Make sure that each Smart Element is locked in its slot. This is only ensured if the unlocking mechanism has been pushed into the guide as far as it will go.

See also “Axioline Smart Elements” user manual.

5.4 Applications with UL approval

CAUTION!

– The device has to be built-in the final safety enclosure, which has adequate rigidity according to UL 61010-1, -2-201 and meets the requirements with respect to spread of fire.

Information:

To install the device according to the UL/CSA/IEC standard, the following rules must be observed.

– If the equipment is used in a manner not specified, the protection provided by the equipment may be impaired.

6 Terminal point assignment and diagnostic indicators

This Smart Element does not have any terminal points or diagnostic LEDs.

7 Parameter, diagnostics and information (PDI)

No PDI objects are implemented on this Smart Element.

8 Device descriptions

The device is described in the device description files.
The device descriptions for controllers from Phoenix Contact are included in PC Worx and PLCnext Engineer, as well as in the corresponding service packs.
The device description files for other systems are available for download at phoenixcontact.net/products in the download area of the bus coupler installed.