



TYPE APPROVAL CERTIFICATE
No. ELE263623XG

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Automation terminals
<i>Type</i>	AXIOLINE Smart Elements (SE)
<i>Applicant</i>	PHOENIX CONTACT GMBH & CO KG FLACHSMARKTSTRASSE 8 32825 BLOMBERG GERMANY
<i>Manufacturer</i>	PHOENIX CONTACT ELECTRONICS GMBH
<i>Place of manufacture</i>	DRINGENNAUER STRASSE 30 31812 BAD PRYMONT GERMANY
<i>Reference standards</i>	- Rules for the Classification of Ships- Part C - Machinery, Systems and fire protection - Ch.3 ; Sect. 6 ; Tab. 1 .

Issued in **Hamburg** on **March 5, 2024**. *This Certificate is valid until* **March 4, 2029**

RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

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AXIOLINE Smart Elements (SE)

LISTED ARTICLES		
Article no.	Designation	Description
1079231	AXL SE PSDO4/2 2A	Safe digital outputs: 2 (2-channel assignment), 4 (1-channel assignment), 24 V DC, 2 A
1079241	AXL SE PSDI8/3	Safe digital inputs: 4 (2-channel assignment), 8 (1-channel assignment), 24 V DC
1088062	AXL SE AI4 I 4-20	Analog inputs: 4, 4 mA ... 20 mA
1088106	AXL SE RTD4 PT100	Analog RTD inputs: 4 (PT 100)
1088123	AXL SE AO4 I 4-20	Analog outputs: 4, 4 mA ... 20 mA
1088127	AXL SE DI 16/1	Digital inputs: 16, 24 V DC
1088128	AXL SE RS485	Interface: RS-485: 1
1088129	AXL SE DO 16/1	Digital outputs: 16, 24 V DC, 500 mA
1588884	AXL SE BP SE4-M	4 slots for Axioline SE, transmission speed in the local bus: 100 Mbps
1588887	AXL SE BP SE6-M	6 slots for Axioline SE, transmission speed in the local bus: 100 Mbps
1167159	AXL SE SC	slot cover without diagnostic function
1088134	AXL SE SC-A	slot cover with diagnostic function

Rating:

Ambient temperature: -25 ... 60° C

Degree of protection: IP20

Documents:

User manual: - um_en_axl_se_psd4_2_108929_en_01, um_en_axl_se_psd8_3_108928_en_02

Data sheets: - db_en_axl_se_ai4_i_4_20_108694_en_04, db_en_axl_se_rtd4_pt100_108698_en_05,

db_en_axl_se_ao4_i_4_20_108696_en_04, db_en_axl_se_di16_1_108699_en_04,

db_en_axl_se_rs485_108701_en_04, db_en_axl_se_do16_1_108700_en_04,

db_en_axl_se_do16_1_108700_en_04, db_en_axl_se_sc_a_108990_en_03, db_en_axl_se_sc_109444_en_01

Test reports:

Phoenix Testlab GmbH: - E231160E1 dated 27.10.2023, U231160E1 dated 31.10.2023

Remarks:

- The equipment is to be installed according to manufacturer's instructions.

Hamburg March 5, 2024