

Axioline Smart Elements

Axioline Smart Elements are an extension of the Axioline F I/O system, providing an extremely compact modular I/O option. Bases can be directly integrated with Axioline F backplanes and are compatible with all BKs and controllers.

I/O connection

8 or 16 alternately arranged terminal points with Push-in connection technology

Release mechanism

Mounting: locking mechanism in slot
Removal: release and pull-out aid

Diagnostic and status indicators

- Two redundant red error LEDs
- Status LEDs (depending on the version)

Dimensions

62 mm x 15 mm x 62 mm
(L x W x H)

Axioline Smart Element slots

4 or 6 slots for Smart Elements
AXL F BP SE4: 1088135
AXL F BP SE6: 1088136

Smart Element interface

- Communications power USE
- 24 V DC I/O supply UP
- Communication with Smart Element slot

Diagnostic and status LEDs

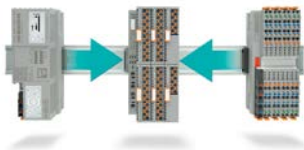
- Power supply (UP)
- Local bus diagnostics (D1 ... D6)

Axioline F local bus

Can be combined with all Axioline F controllers and bus couplers

Feed-in (Push-in technology)

24 V DC I/O supply UP
Up to 16 A
0.5 mm² ... 2.5 mm²



Axioline Smart Elements

Axioline Smart Element stations consist of either a controller or bus interface module, one or more base units, and any combination of available smart elements to meet your I/O needs. Digital and analog smart elements are configuration-free for simplified integration. Special function elements may require some basic configuration which can be accomplished using the freeware Startup+ configuration software. If additional I/O signal types are not available in smart elements, standard AXL F I/O modules can be added to backplane.

Item code	Designation	Function
Controller		
2404267	AXC2152	PLCnext Control for the direct control of Axioline F I/Os
Bus Interface		
2702782	AXL F BK EIP EF	Axioline F, Bus coupler, EtherNet/IP™
2688459	AXL F BK ETH	Axioline F, Bus coupler, Modbus/TCP (UDP)
2701815	AXL F BK PN	Axioline F bus coupler for PROFINET
Smart elements		
Base units		
1088136	AXL F BP SE6	Axioline F, Backplane, 6 slots for Axioline Smart Elements
1088135	AXL F BP SE4	Axioline F, Backplane, 4 slots for Axioline Smart Elements
Digital I/O		
1088127	AXL SE DI16/1	Digital input module, Digital inputs: 16, 24 V DC
1088129	AXL SE DO16/1	Digital output module, Digital outputs: 16, 24 V DC, 500 mA
Analog I/O		
1088062	AXL SE AI4 I 4-20	Analog input module, Analog inputs: 4, 4 mA ... 20 mA
1088104	AXL SE AI4 U 0-10	Analog input module, Analog inputs: 4, 0 V ... 10 V
1088123	AXL SE AO4 I 4-20	Analog output module, Analog outputs: 4, 4 mA ... 20 mA
1088126	AXL SE AO4 U 0-10	Analog output module, Analog outputs: 4, 0 V ... 10 V
Temperature		
1088106	AXL SE RTD4 PT100	Analog RTD inputs: 4 (Pt 100)
Special function *configurable using Startup+		
1088130	AXL SE INC1 SYM	Position detection module, Incremental encoder input: 1, symmetrical encoders
1088131	AXL SE CNT1	Counter input: 1, Control input: 1, Counting direction input: 1, Digital output: 1, 24 V DC, 100 mA
1088128	AXL SE RS485	Communication module, interface: RS-485
1088132	AXL SE IOL4	IO-Link master; 4 IO-Link ports
Blank Cover *required of all empty slots		
1088134	AXL SE SC-A	Slot cover

