

Axioline F Device Description for EtherCAT®

File name: ESI_AXL_F_BK_EC_v3_19.zip

Comment: This directory contains the current device description file for the Axioline F bus coupler AXL F BK EC 2688899 for EtherCAT®.

The following files reside inside the directory:

- AXL_F_BK_EC_319.xml
- AXL-IO-Modules (directory)
AXL_F_BK_EC_IO_Modules_319.xml

History:

Version	Date	Changes
1.0	2013-05-23	- Added new versions of EtherCAT schema. - Modules added: AXL F DI 64/1 2F, AXL F RTD4, AXL F DI8 DO8
1.1	2013-05-23	- Modules added: AXL F AI4 I 1H, AXL F AI4 U 1H, AXL F AO4 1H
1.2	2013-05-23	- Corrected definition of OCTET_STRING(..) Datatype to ARRAY OF BYTE [...]
1.3	2014-02-05	- Modules added: AXL F DO4/3 AC 1F
1.4	2014-02-11	- Added new version of XML schema for ESI files, new version is 1.9
2.0	2014-04-29	- Changed version of ESI to 2.0
2.1	2014-07-30	- Minor Changes to keep compatibility with certain EtherCAT masters (e.g. OMRON) - Added DownloadModuleList Attribute to Type element of the device. - Added definitions for CoE object 0xF030 (datatype and object) - Corrected definition for settings objects 0xF800, 0xF801 and 0xF802 - Added second ModulePdoGroup and assigned the coupler to group 0 and the module to group 1 to maintain correct PDO mapping. - Corrected Index of PDO Entries for output process data of digital output modules - Corrected some datatype definitions, removed definitions that are not needed
2.2	2015-07-07	- Modules added: AXL F DI32/1 2H, AXL F DO16 FLK 1H, AXL F DO64/1 2F, AXL F DI8/3 DO8/3 2H, AXL F AI2 AO2 1H, AXL F DI8/2 110/220DC 1F, AXL F DOR4/2 AC/220DC 1F, AXL F DI16/1 DO16/1 2H, AXL F DI16/1 DO8/2-2A 2H
2.54	2018-05-08	- Diag message 0xA012 added. - New Icons added. - Module Class AXL-Extra_Mod deleted. - Bugfix in description of DI16/4 2H -> "DependOnSlotGroup" --> "DependOnSlot" - Multiple bugfixes and adaptations to new CTT Testcases -> Access of 0xF030 to "rw" -> DT2nn0 is now DT2000 -> Added object description of 0x1C32 and 0x1C33 -> Fixed wrong Bitsizes of Datatype DT2000 Subitem 3 -> Array of USINT is now Array of BYTE - Modules added: AXL F DO 16/2 2H, AXL F DO 32/1 1F, AXL F RTD8 S 1F, AXL F PM EF 1F, AXL F PWM2 1H, AXI F MA DALI2 1H, AXL F IOL8 2H, AXL F IF CAN 1H

Version	Date	Changes
2.56	2018-05-24	<ul style="list-style-type: none"> - Taken out modules by comment: AXL F IOL8 2H, AXL F IF CAN 1H - Fixing several wrong namings of modules, PDI write tunnel... - Fixing wrong process data namings of AXL F MA DALI2 1H - Added the channel number to Diag Message 0x5160 "Faulty supply voltage". - Increment version count to 2.56 - Removed the header of altova xml Spy
2.59	2018-06-26	<ul style="list-style-type: none"> - Fixed wrong Module Ident 200800F8. - Change BK Timeouts
2.63	2018-06-26	<ul style="list-style-type: none"> - Modules added: AXL F IOL8 2H - Added Diag Codes: 0x2320, 0xA001, 0xA002, 0xA010, 0xA014, 0xA020 - Changed some capital letters into small letters (in english descriptions)
3.09	2019-10-11	<ul style="list-style-type: none"> - Modification due to the new EtherCAT Conformance Test - Added and modified several Diag messages due to Smart Element implementation. - Deleted redundant datatype definitions in modules. - Modules added: AXL SE DI16/1, AXL SE DO16/1, AXL SE AI4 I 4-20, AXL SE AI4 U 0-10, AXL SE RTD4 PT100, AXL SE AO4 I 4-20, AXL SE AO4 U 0-10, AXL SE CNT1, AXL SE SC-A, AXL SE RS485, AXL SE IOL4 - Corrected description of AXL F PWM2 1H
3.10	2020-02-28	<ul style="list-style-type: none"> - Corrected subindex for AXL SE CNT1 and AXL SE INC1 SYM
3.11	2020-10-08	<ul style="list-style-type: none"> - Add CoE Objects 0xF804 and 0xF805 for FW >= 1.30 - Add new diagnostic codes for subbus modules and smart elements for FW >= 1.30 - Add EoE functionality for FW >= 1.30 - Several minor changes - Modules added: AXL F DI16 NAM XC 1F, AXL F EX IS DI16 NAM XC 1F, AXL F AI8 HART XC 1F, AXL F EX IS AI8 HART XC 1F, AXL SE SC
3.12	2020-11-02	<ul style="list-style-type: none"> - Modules added: AXL SE DI16/1 NPN, AXL SE DO16/1 NPN
3.13	2021-03-16	<ul style="list-style-type: none"> - Add diagnostic messages. - Modules added: AXL SE DO4/2 2A EF, AXL SE RTD4 PT1000, AXL SE INC1 ASYM, AXL SE DOR2 W 230
3.14	2021-09-29	<ul style="list-style-type: none"> - Add diagnostic messages. - Modules added: AXL F EX IS DO4 SD 24-48 XC 1F, AXL F EX IS AO4 HART XC 1F, AXL SE RS232, AXL SE SSDI8/3, AXL SE SSDO4/2 2A
3.15	2022-06-28	<ul style="list-style-type: none"> - Modules added: AXL SE UTH4 EF, AXL SE AI4 I 0-20, AXL SE AO4 I 0-20, AXL SE PD16 24V, AXL SE PD16 GND, AXL SE PD8/8 24V/GND
3.17	2023-12-08	<ul style="list-style-type: none"> - Implement product revision 1 and 2 in one ESI - Separate ESI in two parts: 1st Bus coupler + FSoE Modules, 2nd IO-Modules - Fix icon size. - Modules added: AXL SE AI4 U -10-10, AXL SE AO4 U -10-10, AXL F MA MBUS 1H, AXL SE FSDO4/2 2A, AXL SE FSDI8/3
3.18	2024-06-25	<ul style="list-style-type: none"> - Modules added: AXL SE DI8/2 48, AXL F CNT2 1H
3.19	2024-11-05	<ul style="list-style-type: none"> - add new process data description for new firmware of AXL F CNT2 1H - Modules added: AXL SE RS485 EF, AXL SE RS232 EF