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FENA-11 Ethernet/IP Adapter EDS file selection and error messages

This package (FENA11_EDS_filerev3.6.zip) contains the latest revision of the EDS-files.

EDS files include the I/O Assembly configuration properties. There are EDS-files for ACS355, ACS380, ACSM1, ACS850, ACS860, ACS880, ACS560, ACS580, ACH580, ACQ580, ACQ810, ACSM1-204 and ACH550 Eclipse drives. When selecting EDS file, check that drive and application are correct. There are two files for every drive application, one for ODVA profile and one for ABB Drives profile; these files have different product types.

How is EDS file used?

Electronic data sheet (EDS) files specify the properties of the device to the Ethernet/IP scanner. The device is identified by means of the Product Type, Product Code and Device Revision. The Product Types are specified by ODVA in the DeviceNet specifications. For FENA-11 Product Type 2 is used for ODVA Profile and 100 for ABB Drives Profile.

To enable the use of different kinds of ABB Drives on the same Ethernet/IP network, a unique Product Code has been allocated to each drive or application program. Usually master system can contain only one EDS file for certain Product Code.

Major revision number is specified by the Device Revision, which identifies the revision of the FENA-11 module. Device Revision contains Major revision number and Minor revision number (E.g. Device Revision 0x0255 → Major revision number = 0x02; Minor revision number = 0x55).

Note! Network might have several FENA-11 Ethernet/IP Adapters that have different Device Revision; however Major revision number of the FENA-11 module must match with the Major revision number of the corresponding EDS file.

If the network online identity (the module) doesn't match with the offline identity (the EDS file) master system might print an error message. Typically this could happen if the Minor revision numbers do not match. Usually it's ok to ignore the message and approve the changes or change the revision of the EDS file to correspond the latest adapter revision. In problem situation contact your local ABB representative. The latest FENA-11 Ethernet/IP Adapter Device Revision is 3.17 (0x0311).

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