



EDS Revision History and Compatibility Information

Handled by

Drive Care

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Important information on EDS file revisions

Please note that the EDS files are designed to be compatible with all drive firmware versions and are backward compatible with older fieldbus adapter firmwares.

Note: EDS files for RDNA-01 versions 1.xx and 2.xx are not mutually compatible. You must select the EDS file with the correct major revision number.

When using Extended EDS files with parameter support, you may need to modify the file to be able to access the newest parameters as they are disabled by default for maximum compatibility.

For more help on choosing the correct EDS file and modifying them to meet your specific needs, see [ABB_EDS_Selection_Guide.pdf](#).

File revision 4.3

Changed file naming; drive loading package version is added after the application name. Added extended EDS files for multiple applications that had only typical files in former libraries. RETA-01 major revision changed to 3.

File revision 4.2

Added EDS files for ACS800 Crane Control Application and extended file for ACS800 System PMSM application for RDNA-01. The maximum value of parameter 2101 in ACS/ACH550 was changed from 5 to 8 to support the selection of enumerated value "RAMP". Icons were added to all files.

File revision 4.1

Added EDS files for ACS800 DCU and RDNA-01. Support for assembly instances 121 and 171 for RETA-01 was added. The help text for the RDNA-01 assemblies was shortened, as the previous help string generated a warning with RSNetWorx while registering.

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File revision 4.0

New EDS files for RDNA-01 v. 2.02 firmware. In DeviceNet, the major revision number of the EDS file and fieldbus adapter must match. If you are using an RDNA-01 with a firmware version of 2.xx (rev K or greater), use the EDS files contained in this package. If using RDNA-01 v. 1.xx (or RCNA-01 or RETA-01), use file revision 3.7.

File revision 3.9

Added EDS files for ACS800 Crane Control Application for RDNA-01, RCNA-01 and RETA-01. Extended file for ACS800 System PMSM application was added for RDNA-01. The maximum value of parameter 2101 in ACS/ACH550 was changed from 5 to 8 to support the selection of enumerated value "RAMP". Icons were added to all files. Files were added for RETA-01 major revision 1.

File revision 3.8

Added EDS files for ACS800 DCU and RDNA-01. Support for assembly instances 121 and 171 for RETA-01 was added. The help text for the RDNA-01 assemblies was shortened, as the previous help string generated a warning with RSNetWorx while registering.

File revision 3.7

Added EDS files for the following ACS800 Application and Fieldbus adapter combinations:

Crane	RCNA-01, RETA-01
FCBTemplate	RCNA-01
Motion Control	RETA-01
MultiBlock	RETA-01
StandardPMSM	RETA-01
System	RETA-01
SystemPMSM	RETA-01

File revision 3.6

Added EDS files for ACS800 Brake Chopper Application with product code 149 to the package.

File revision 3.5

Changed the ACS550 extended EDS files to support drive versions 3.10B and higher. The EDS files should still work with all drive versions, as the parameters not supported by all versions are disabled by default.

File revision 3.4

Enabled support for assembly instances 121 and 171 introduced in RDNA-01 version 1.37. However, the EDS files are compatible with older RDNA versions as well.

File revision 3.3

New coherent naming convention for all EDS files introduced.

Drive firmware versions supported by the EDS files

The Extended EDS files contain parameters of these firmware versions. The files can, however, be used with all versions as the parameters not supported by all versions are disabled by default.

ACx550	300E (and 300F)
ACS800 Crane	ACXR7200
ACS800 Motion Control	APXR7100
ACS800 Standard	ASXR7290
ACS800 System	AMXR7200

For other applications there are only Typical EDS files without parameter support. They are compatible with all drive versions.

Field bus adapter versions supported by the EDS files

RDNA-01	1.36 and older
RCNA-01	1.05 and older
RETA-01	2.06 and older

File revisions 3.2 and older

The supported drive firmware versions are stated in the EDS file name.