

ABB ABILITY™ SMART SUBSTATION CONTROL AND PROTECTION FOR ELECTRICAL SYSTEMS

# SSC600

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## Product information: SSC600 1.0 FP3

<b>PACKAGE</b>	<b>VERSION</b>	<b>LICENSE</b>
acl	2.2.53	GPL-2.0-or-later (programs), LGPL-2.1-or-later (libraries)
adv-io	1.0.0	GPL-2.0-only
adv-wdt	1.0.0	GPL-2.0-only
attr	2.4.48	GPL-2.0-or-later (programs), LGPL-2.1-or-later (libraries)
bash	5.0	GPL-3.0-or-later
binutils	2.35.2	GPL-3.0-or-later, libiberty LGPL-2.1-or-later
boost	1.75.0	BSL-1.0
busybox	1.33.1	GPL-2.0-only
c-ares	1.17.1	MIT
cgroupfs- mount	1.4	GPL-3.0-or-later
cpuset	1eeb1ebd8b78b34a86de6da7909fcdecc8b6fd5c	GPL-2.0-only
cracklib	2.9.7	LGPL-2.1-only
dbus	1.12.20	AFL-2.1 or GPL-2.0-or-later (library, tools), GPL-2.0-or-later (tools)
dbus-python	1.2.16	MIT
docker-cli	20.10.7	Apache-2.0
docker- containerd	1.4.4	Apache-2.0
docker- engine	20.10.7	Apache-2.0
docker-proxy	55685ba49593e67f5e1c8180539379b16736c25e	Apache-2.0
ethtool	5.10	GPL-2.0-only
eudev	3.2.9	GPL-2.0-or-later (programs), LGPL-2.1-or-later (libraries)
expat	2.4.1	MIT
flex	2.6.4	FLEX
fmtlib	c2ce7e4f07f7b34b2c7bbd0a4d0798b1d7007f4f	BSD-2
glibc	2.32-50-g737efa27fca5c97f566a2005687fda7d6659cd2e	GPL-2.0-or-later (programs), LGPL-2.1-or-later, BSD-3-Clause, MIT (library)

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gmp	6.2.1	GPL-3.0-or-later or GPL-2.0-or-later
gnutls	3.7.1	LGPL-2.1-or-later (core library)
grub2	2.04	GPL-3.0-or-later
hwdata	0.342	GPL-2.0-or-later, BSD-3-Clause, XFree86-1.0
intel-ipp	2019.2.187	ISSL
intel-microcode	20200616	Intel-Microcode
intel-mkl	2019.2.187	ISSL
ipmitool	1.8.18	BSD-3-Clause
iproute2	5.9.0	GPL-2.0-or-later
iptables	1.8.6	GPL-2.0-only
iucode-tool	2.3.1	GPL-2.0-or-later
jq	a17dd3248a666d01be75f6b16be37e80e20b0954	MIT (code), ICU (decNumber), CC-BY-3.0 (documentation)
json-glib	1.4.4	LGPL-2.1-or-later
kmod	28	LGPL-2.1-or-later (library)
libabseil-cpp	20200923.3	Apache-2.0
libbacktrace	9b7f216e867916594d81e8b6118f092ac3fcf704	BSD-3C-like
libcap	2.48	GPL-2.0-only or BSD-3-Clause
libcurl	7.78.0	curl
libestr	0.1.11	LGPL-2.1-or-later
libevent	2.1.12	BSD-3-Clause, OpenBSD
libfastjson	0.99.9	MIT
libffi	3.3	MIT
libfuse	2.9.9	GPL-2.0-only, LGPL-2.1-only
libglib2	2.66.8	LGPL-2.1-or-later
libiec61850	1.4.2.1	GPL-3.0-or-later
liblogging	1.0.6	BSD-2-Clause

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libopenssl	1.1.1k	OpenSSL or SSLeay
libpcap	1.10.1	BSD-3-Clause
libpwquality	1.4.4	BSD-3-Clause or GPL-2.0-or-later
librelp	1.9.0	GPL-3.0-or-later
libsodium	1.0.18	ISC
libtasn1	4.17.0	GPL-3.0-or-later (tests, tools), LGPL-2.1-or-later (library)
libxml2	2.9.12	MIT
libyaml	0.2.5	MIT
libzlib	1.2.11	Zlib
linux	v5.10.73-rt54	GPL-2.0-only
linux- headers	v5.10.73-rt54	GPL-2.0-only
linux-pam	1.5.1	BSD-3-Clause
linuxptp	3.1.1	GPL-2.0-or-later
logrotate	3.18.0	GPL-2.0-or-later
lshw	02.19.2	GPL-2.0-only
mcelog	v172	GPL-2.0-only
msr-tools	1.3	GPL-2.0-only
ncurses	6.1	X11
nettle	3.7.3	GPL-2.0-or-later or LGPL-3.0-or-later
ntp	4.2.8p15	NTP
pciutils	3.7.0	GPL-2.0-or-later
pcre	8.44	BSD-3-Clause
popt	1.18	MIT
protobuf	3.14.0	BSD-3-Clause
python	3.9.6	Python-2.0, others
python- asn1crypto	1.3.0	MIT
python- bcrypt	3.1.7	Apache-2.0

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python- cached property	1.5.1	MIT
python-certifi	2020.12.5	ISC (code) MPL-2.0 (cacert.pem)
python-cffi	1.14.2	MIT
python- chardet	4.0.0	LGPL-2.1-or-later
python-click	7.0	BSD-3-Clause
python- cryptography	3.0	Apache-2.0 or BSD-3-Clause
python- docker	4.1.0	Apache-2.0
python- dockerpty	0.4.1	Apache-2.0
python- docopt	0.6.2	MIT
python-flask	1.1.2	BSD-3-Clause
python-flask- jsonrpc	0.3.1	BSD-3-Clause
python- gunicorn	19.9.0	MIT
python-idna	2.10	BSD-3-Clause
python-itsdangerous	1.1.0	BSD-3-Clause
python-jinja2	2.11.3	BSD-3-Clause
python-markupsafe	1.1.1	BSD-3-Clause
python-netifaces	0.10.9	MIT
python-packaging	20.4	Apache-2.0 or BSD-2-Clause
python-pamela	1.0.0	MIT
python-paramiko	2.7.1	LGPL-2.1-or-later
python-ply	3.11	BSD-3-Clause
python-psutil	5.7.2	BSD-3-Clause
python-pycparser	2.20	BSD-3-Clause
python-pynacl	1.4.0	Apache-2.0
python-pyopenssl	19.1.0	Apache-2.0
python-yparsing	2.4.7	MIT
python-pyroute2	0.5.7	Apache-2.0 or GPL-2.0-or-later

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python-pyyaml	5.4.1	MIT
python-requests	2.25.1	Apache-2.0
python-serial	3.5	BSD-3-Clause
python-setuptools	44.0.0	MIT
python-six	1.15.0	MIT
python-texttable	1.6.3	MIT
python-thriftpy2	0.4.14	MIT
python-urllib3	1.26.6	MIT
python-websocket-client	0.57.0	LGPL-2.1-or-later BSD-3-Clause
python-werkzeug	1.0.1	BSD-3-Clause
rauc	1.5.1	LGPL-2.1-only
re2	2020-11-01	BSD-3-Clause
readline	8.1	GPL-3.0-or-later
rsyslog	8.2010.0	GPL-3.0-only, LGPL-3.0-only, Apache-2.0
rtoffset	1.0.0	GPL-2.0-only or BSD-3-Clause
runc	1.0.0-rc95	Apache-2.0
smictrl	29aeaed	GPL-2.0-only
sqlite	3340100	Public Domain
squashfs	4.4	GPL-2.0-or-later
su-exec	v0.2	MIT
tar	1.32	GPL-3.0-or-later
thrift	0.14.1	Apache-2.0
util-linux	2.36.2	GPL-2.0-or-later, BSD-4-Clause, LGPL-2.1-or-later (libblkid, libfdisk, libmount), BSD-3-Clause (libuuid) ISC (rfkill)
vsftpd	3.0.3	GPL-2.0-only
xmlsec1	1.2.25	MIT

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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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4. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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<b>Revision</b>	<b>Date</b>	<b>Note</b>
A	30.11.2018	First revision
B	26.03.2020	FP1 added
C	25.08.2020	FP2 added
D	18.11.2021	FP3 added



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