

## Johnson Controls Inc.

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### OSS Disclosures

<b>Product name</b>	<b>EasyIO FW Series</b>
<b>Version</b>	<b>V 1.0.0</b>
<b>Date of creation</b>	<b>9/27/2023</b>

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## Open source software Components

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Component Name	Version	License
bzip2	1.0.6-5	BZIP2
bzip2	1.0.8-1	bzip2-1.0.8
cURL	8.1.2	MIT
dropbear	2022.82-1	MIT
FatFS		BSD
firewall4	2022-10-18-7ae5e14b-1	ISC
formage	1.6.18	MIT
gitbook-plugin-chart	0.0.2	MIT
hostapd	2022-01-16-cff80b4f-1.2	BSD-3-Clause
hostapd-common	2022-01-16-cff80b4f-1.2	BSD-3-Clause
jansson4	2.13.1-2	MIT
jQuery	1.10.0	MIT
jQuery	1.5	MIT
jshn	2022-05-15-d2223ef9-1	ISC
jsonfilter	2018-02-04-c7e938d6-1	ISC
libblobmsg- json20220515	2022-05-15-d2223ef9-1	ISC
libbz2-1.0	1.0.8-1	bzip2-1.0.8
libcares	1.19.1-1	MIT
libcurl4	8.1.2-1	MIT
libjson-c5	0.15-2	MIT
libjson-script20220515	2022-05-15-d2223ef9-1	ISC
liblzma	5.4.1-1	Public-Domain LGPL-2.1-or-later GPL-2.0-or-later GPL-3.0-or-later
libmosquitto-ssl	2.0.15-1	EPL-2.0
libncurses6	6.3-1	MIT
libnghttp2-14	1.44.0-1	MIT
libopenssl1.1	1.1.1t-3	OpenSSL
libopenssl-conf	1.1.1t-3	OpenSSL
libpcre	8.45-1	BSD-3-Clause
libpcre2	10.37-1	BSD-3-Clause
libpopt0	1.16-2	MIT
libsqlite3-0	3410200-1	PUBLICDOMAIN
libtirpc	1.3.2-1	BSD-3-Clause
libubox20220515	2022-05-15-d2223ef9-1	ISC
libuclient20201210	2023-04-13-007d9454-1	ISC
libucode20220812	2022-12-02-46d93c9c-1	ISC

liburing	2.3-1	MIT
libustream-mbedtls20201210	2022-12-08-9217ab46-2	ISC
libzip-gnutls	1.8.0-4	BSD-3-Clause
Mbed TLS		Apache-2.0
minifyify	3.0.0-beta5	MIT
ncurses	6.3.20211021	MIT
nginx	1.21.3	BSD
nginx	1.21.3-1	2-clause BSD-like license
nginx-ssl	1.21.3-1	2-clause BSD-like license
nginx-ssl	1.21.3-1	2-clause BSD-like license
oniguruma5	6.9.7.1-1	BSD-2-Clause
OpenSSL		Apache-2.0
OpenSSL	1.1.1t	Apache-2.0
openssl-util	1.1.1t-3	OpenSSL
php7	7.4.28-1	PHP-3.01
php7-cgi	7.4.28-1	PHP-3.01
php7-cli	7.4.28-1	PHP-3.01
php7-fpm	7.4.28-1	PHP-3.01
php7-mod-json	7.4.28-1	PHP-3.01
php7-mod-mbstring	7.4.28-1	PHP-3.01
php7-mod-opcache	7.4.28-1	PHP-3.01
php7-mod-openssl	7.4.28-1	PHP-3.01
ppp	2.4.9.git-2021-01-04-3	BSD-4-Clause
ppp-mod-pppoe	2.4.9.git-2021-01-04-3	BSD-4-Clause
str2str	2.4.3_b24	BSD-2-Clause
sudo	1.9.10-1	ISC
terminfo	6.3-1	MIT
uboot-envtools	2022.01-1	GPL-2.0 GPL-2.0+
uclient-fetch	2023-04-13-007d9454-1	ISC
ucode	2022-12-02-46d93c9c-1	ISC
ucode-mod-fs	2022-12-02-46d93c9c-1	ISC
urngd	2020-01-21-c7f7b6b6-1	GPL-2.0 BSD-3-Clause
usign	2020-05-23-f1f65026-1	ISC
wpa_supplicant	2.10	BSD
wpa-suplicant	2022-01-16-cff80b4f-1.2	BSD-3-Clause
xz	5.4.1-1	Public-Domain LGPL-2.1-or-later GPL-2.0-or-later GPL-3.0-or-later
xz-utils	5.4.1-1	Public-Domain LGPL-2.1-or-later GPL-2.0-or-later GPL-3.0-or-later
zlib	1.2.13	ZLIB License
zlib	1.2.13-1	Zlib

zoneinfo-core

2023c-2

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Julian Seward, [jseward@bzip.org](mailto:jseward@bzip.org) bzip2/libbzip2 version 1.0.6 of 6 September 2010

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If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest



to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

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- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, 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 executable. However, as a

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```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w` and `show c` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w` and `show c`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

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Version 2.1, February 1999

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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.

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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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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(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.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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.

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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Version 3.1, 31 March 2009

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