

General Specifications

A8 Standard Compliant Products

GS 34S01C11-01EN

■ General

This table lists the standards that the A8 is certified/compliant with.

		Certified/Conforming standard number
CSA		CAN/CSA-C22.2 No. 61010-1 CAN/CSA-C22.2 No. 61010-2-201 Overvoltage category: I (*2), Pollution degree: 2 (*3)
UL (CSA NRTL/C)		UL 61010-1 UL 61010-2-201 Overvoltage category: I (*2), Pollution degree: 2 (*3)
CE UKCA	EMC Directive/regulations (*1)	EN 61326-1 Class A, Table 2 EN 61131-2 Zone A EN 55011 Class A, Group 1
	Low Voltage Directive/ regulations	EN 61010-1 EN IEC 61010-2-201 Overvoltage category: I (*2), Pollution degree: 2 (*3)
	RoHS Directive/regulations (*4)	EN IEC 63000
CE	Battery Regulation	Regulation (EU) 2023/1542
KC		KS C 9610-6-2 KS C 9811
TSCA		US Toxic Substances Control Act (TSCA)

- *1: This product is Class A (for industrial environments) equipment. If this device is used in a residential environment, it may cause electromagnetic interference. In such cases, the user must take appropriate measures at their own risk.
- *2: The overvoltage category is divided into four categories based on the degree of reduction in surge voltage generated by lightning strikes. Overvoltage Category I applies to equipment intended for connection to circuits in which measures have been implemented to limit transient overvoltage to a low level.
- *3: The pollution degree represents the extent of adhesion of foreign substances (solids, liquids, and gases) that can decrease insulation withstand voltage and surface resistivity in the environment where the equipment is used. Pollution degree 2 refers to an environment where normally only non-conductive pollution occurs except that occasionally a temporary conductivity caused by condensation is expected.
- *4: This product is compliant with 10 substances under RoHS. The phthalate esters in the restricted substances have high migratory properties (the ability for substances to transfer from other molded products through contact). Care must be taken to prevent contamination throughout all stages of the manufacturing process. After unpacking the package, the user is requested to manage the product to prevent contamination.

■ General information about safety and installation

Refer to the following instruction manuals:

- IM 34S01C11-01EN A8 Hardware Manual
- IM 34S01C91-01Z1 A8 BEFORE USE

■ List of certified and conforming modules

The ✓ symbol in the table indicates certification or conformance. The acronym N/A (not applicable) indicates that the product is not covered.

Module

Product name	Model	Related instruction manual	Conforming standards					
			CSA	UL	CE	UKCA	KC	TSCA
CPU module	A8HCA-11-0N	IM 34S01M11-01EN	✓	✓	✓	✓	✓	✓
Power supply module	A8HPU-16-0P	IM 34S01C11-01EN	✓	✓	✓	✓	✓	✓

Spare parts

Product name	Model	Related instruction manual	Conforming standards					
			CSA	UL	CE	UKCA	KC	TSCA
Backup battery	A1156EB	IM 34S01C11-01EN	N/A	N/A	✓(*1)	✓(*2)	N/A	✓
Front cover	T9132BK		N/A	N/A	✓(*2)	✓(*2)	N/A	✓
End plate	T9132AA		N/A	N/A	✓(*2)	✓(*2)	N/A	✓
10-pole push-in terminal block	A2320JT		N/A	N/A	✓(*2)	✓(*2)	N/A	✓

*1: Compliant with battery regulations when equipped with spare parts.

*2: Compliant with RoHS Directive when equipped with spare parts.