

**HITACHI R800FS/HSC800FS Functional Safety Controller
 Revision Release List**

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1. SIL2 compliant Hardware Components:

No.	Name	Type No.	Description	Module Revision	Physical Revision (PH Rev)
1	Functional Safety CPU Module (CPU)	LJC030	---	22	A
2	Functional Safety Digital Input Module (DI-S)	LJD600	24 VDC, 16 points	15	A
3	Functional Safety Digital Output Module (DO-S)	LJD500	24 VDC, 16 points	20	A
4	Functional Safety Analog Input Module (AI-S)	LJA600	4-20 mA, 16 channels	8	A
5	Functional Safety Analog Output Module (AO-S)	LJA500	4-20 mA, 4 channels	17	A / A

2. Further Hardware Components suitable for use in building safety loops up to SIL2 with the R800FS/HSC800FS Functional Safety Controller:

No.	Name	Type No.	Description	Module Revision	Physical Revision (PH Rev)
1	RIO Switch Module (RIOSW)	LJF230	For optical connection between CPU and RIO chassis	6	A
2	R.Link/FS Interface Module (IF-T)	LJF170	For electrical connection between RIO chassis	---	A
3	R.Link/FS Interface Module (IF-O)	LJF180	For optical connection to and between RIO chassis	5	A
4	CPU Chassis (UNIT-CPU)	HSC8000	---	---	A
5	RIO Chassis (UNIT-RIO)	HSC8300	For system configuration with a single RIO chassis	---	A
6	RIO Chassis (UNIT-RIO)	HSC8320	For system configuration with two or more RIO chassis	---	A
7	Power Supply Module (PS)	LJW030	Chassis-mounted 100 - 120VAC / 100 - 125VDC Input	6	B
8	μ Σ NETWORK-1000 Control Processor Module (NCP-E)	LJN030	---	4	A
9	μ Σ NETWORK-1000 LAN Connection Box (LANBOX)	H-7628-51	---	B	B

3. Further interference free Hardware Components suitable for use with the R800FS/HSC800FS Functional Safety Controller:

No.	Name	Type No.	Description	Module Revision	Physical Revision (PH Rev)
1	Analog Input Module for Resistance-Temperature Detector (RTD-AI)	LJA220	For 3-wire RTDs, Pt100 16 channels	5	A

G-HIACS vSAFE		Doc. No. 100205FSC1
		Rev.1 2010-02-18
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4. Software Package containing Software Components listed below (Items 4.1 to 4.3):

No	Name	Type No.	Version No.	Revision No.
1	R800FS Software (R800FS SW)	S-7841-20P	01-00	01

4.1 SIL2 compliant Software Components:

No	Name	Type No.	Version No.	Revision No.
1	R800FS CPU Software for Functional Safety Tasks (CPU FST)	S-7841-21P	01-00	01

4.2 Software Components suitable for use in building safety loops up to SIL2 with the R800FS/HSC800FS Functional Safety Controller:

No	Name	Type No.	Version No.	Revision No.
1	R800FS CPU Software for Supporting FST (CPU ASSIST)	S-7841-22P	01-00	00
2	HISEC 61131-3FS PADT Software for FST (PADT FST)	S-7846-21P	01-00	00
3	HISEC 61131-3FS PADT Software for Supporting FST (PADT ASSIST)	S-7846-22P	01-00	01

4.3 Interference free Software Components suitable for use with the R800FS/HSC800FS Functional Safety Controller:

No	Name	Type No.	Version No.	Revision No.
1	R800FS CPU Software for General Tasks (CPU GT)	S-7841-23P	01-00	01
2	HISEC 61131-3FS PADT Software Base (PADT BASE)	S-7846-23P	01-00	01