

**Revision Release List:**

**Safety Control System ProSafe-RS, R2.03**



**SIL3 compliant HW Components:**

Model Name	Description	Revision Information		Report – No.	Status
		Style	Revision No.		
SSC10S	Safety Control Unit (Single CPU, Vnet)	S1	N/A	968/EZ 196.00/05	Valid
SSC10D	Safety Control Unit (Dual red. CPU, Vnet)	S1	N/A	968/EZ 196.00/05	Valid
SSC50S	Safety Control Unit (Single CPU, Vnet/IP)	S1	N/A	968/EZ 196.08/06	Valid
SSC50D	Safety Control Unit (Dual red. CPU, Vnet/IP))	S1	N/A	968/EZ 196.08/06	Valid
SSC60S	Safety Control Unit (Single CPU, Vnet/IP)	S1	N/A	968/EZ 196.27/10	Valid
SSC60D	Safety Control Unit (Dual red. CPU, Vnet/IP))	S1	N/A	968/EZ 196.27/10	Valid
SNB10D	Safety Node Unit	S2	N/A	968/EZ 196.08/06	Valid
SCP401-11	Processor Module for SSC10S/D, Vnet	S1	U:2, H1:7, H2:0, F1:0, F2:2, F3:0, F4:5	968/EZ 196.15/08	Valid
SCP451-11	Processor Module for SSC50S/D, Vnet/IP	S1	U:2, H1:2, H2:1, F1:13, F2:2, F3:0, F4:6	968/EZ 196.27/10	Valid
SCP461-11	Processer Module for SSC60S/D, Vnet/IP	S1	U:0, H1:2, H2:1, F1:13, F2:3, F3:4, F4:2	968/EZ 196.27/10	Valid
SAI143-S03	Analog Input Module (4 to 20mA)	S2	U:0, H1:2, H2:0, F1:2, F2:2	968/EZ 196.08/06	Valid
SAI143-S33	Analog Input Module (4 to 20mA) With signal cable adapter	S2	U:0, H1:2, H2:0, F1:2, F2:2	968/EZ 196.08/06	Valid
SAI143-H03	Analog Input Module (4 to 20mA, HART)	S2	U:0, H1:0, H2:2, F1:1, F2:1	968/EZ 196.08/06	Valid
SAI143-H33	Analog Input Module (4 to 20mA, HART) With signal cable adapter	S2	U:0, H1:0, H2:2, F1:1, F2:1	968/EZ 196.08/06	Valid
SAV144-S03	Analog Input Module (1 to 5V / 1 to 10V)	S2	U:0, H1:0, H2:0, F1:2, F2:2	968/EZ 196.08/06	Valid
SAV144-S33	Analog Input Module (1 to 5V / 1 to 10V) With signal cable adapter	S2	U:0, H1:0, H2:0, F1:2, F2:2	968/EZ 196.08/06	Valid

**Manufacturer:**

Yokogawa Electric Corporation  
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SAI533-H03	Analog Output Module (4 to 20mA, HART)	S1	U:0, H1:0, H2:2, F1:2, F2:2	968/EZ 196.08/06	Valid
SAI533-H33	Analog Output Module (4 to 20mA, HART) With signal cable adapter	S1	U:0, H1:0, H2:2, F1:2, F2:2	968/EZ 196.08/06	Valid
SDV144-S13	Digital Input Module (contact input)	S2	U:1, H1:2, H2:1, H3:1, F1:4, F2:4	968/EZ 196.22/09	Valid
SDV144-S33	Digital Input Module (contact input) With signal cable adapter	S2	U:1, H1:2, H2:1, H3:1, F1:4, F2:4	968/EZ 196.22/09	Valid
SDV521-S33	Digital Output Module (24V DC) With signal cable adapter	S1	U:0, H1:0, H2:0, H3:0, F1:0, F2:0	968/EZ 196.11/07	Valid
SDV521-S33	Digital Output Module (24V DC) With signal cable adapter	S2	U:0, H1:0, H2:0, H3:0, F1:2, F2:2	968/EZ 196.27/09	Valid
SDV526-S33	Digital Output Module (100-120VAC) With signal cable adapter	S1	U:0, H1:0, H2:1, H3:0, F1:1, F2:1	968/EZ 196.18/08	Valid
SDV531-S13	Digital Output Module (24V DC)	S1	U:0, H1:2, H2:1, H3:1, F1:3, F2:3	968/EZ 196.00/05	Valid
SDV531-S23	Digital Output Module (24V DC)	S3	U:0, H1:0, H2:0, H3:1, F1:0, F2:0	968/EZ 196.22/09	Valid
SDV531-S33	Digital Output Module (24V DC) With signal cable adapter	S3	U:0, H1:0, H2:0, H3:1, F1:0, F2:0	968/EZ 196.22/09	Valid
SDV531-L23	Digital Output Module (24V DC)	S3	U:0, H1:0, H2:0, H3:1, F1:0, F2:0	968/EZ 196.22/09	Valid
SDV531-L33	Digital Output Module (24V DC) With signal cable adapter	S3	U:0, H1:0, H2:0, H3:1, F1:0, F2:0	968/EZ 196.22/09	Valid
SDV541-S23	Digital Output Module (24V DC – 16 channels)	S2	U:0, H1:0, H2:0, H3:1, F1:0, F2:0	968/EZ 196.22/09	Valid
SDV541-S33	Digital Output Module (24V DC – 16 channels) With signal cable adapter	S2	U:0, H1:0, H2:0, H3:1, F1:0, F2:0	968/EZ 196.22/09	Valid
SDV53A-S33	Digital Output Module (48V DC – 8 channels) With signal cable adapter	S1	U:0, H1:0, H2:0, H3:0, F1:1, F2:1	968/EZ 196.27/10	Valid
SCB100-S0	Wiring Check Adapter	S2	N/A	968/EZ 196.11/07	Valid
SCB110-S0	Wiring Check Adapter	S2	N/A	968/EZ 196.11/07	Valid

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*Further HW Components suitable for use to build up safety loops up to SIL3 with ProSafe-RS:*

Model Name	Description	Revision Information		Report – No.	Status
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AIP602	FAN Unit for SSC10S/D, SSC50S/D	S1	N/A	968/EZ 196.00/05	Valid
AIP504-13	Vnet Coupler Unit	S1	U:0, H:0	968/EZ 196.00/05	Valid
SPW481-13	100-120V AC Input Power Supply Module for SSC10S/D, SNB10D, SSC50S/D, SNT10D	S1	U:0, H:3	968/EZ 196.15/08	Valid
SPW482-13	220-240V AC Input Power Supply Module for SSC10S/D, SNB10D, SSC50S/D, SNT10D	S1	U:0, H:3	968/EZ 196.15/08	Valid
SPW484-13	24VDC Input Power Supply Module for SSC10S/D, SNB10D, SSC50S/D, SNT10D	S1	U:0, H:4	968/EZ 196.15/08	Valid
SNT10D	Note Unit for Optical Bus Repeater Module	S1	N/A	968/EZ 196.08/06	Valid
SNT401-13	Optical ESB Bus Repeater Master Module for SSC10S/D, SNB10D, SSC50S/D, SNT10D	S1	U:1, H:0, F:1	968/EZ 196.08/06	Valid
SNT411-13	Optical ESB Bus Repeater Master Module for long distance	S1	U:0, H:0, F:1	968/EZ 196.11/07	Valid
SNT501-13	Optical ESB Bus Repeater Slave Module for SNB10D and SNT10D	S1	U:1, H:0, F:1	968/EZ 196.08/06	Valid
SNT511-13	Optical ESB Bus Repeater Slave Module for long distance	S1	U:0, H:0, F:1	968/EZ 196.11/07	Valid
SEC401-11	ESB Bus Coupler Module for SSC10S/D, SSC50S/D	S2	U:0, H:0	968/EZ 196.08/06	Valid
SEC402-21	ESB Bus Coupler Module for SSC60S/D	S1	U:0, H:1	968/EZ 196.27/10	Valid
SSB401-13	ESB Bus Interface Module for SNB10D	S1	U:0, H:1	968/EZ 196.00/05	Valid

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*Further interference free HW Components suitable for use with ProSafe-RS:*

Model Name	Description	Revision Information		Report – No.	Status
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ALR111-S01	RS-232C Communication Module	S1	U:0, H1:4, H2:2, F:3	968/EZ 196.00/05	Valid
ALR121-S01	RS-422/RS485 Communication Module	S1	U:0, H1:4, H2:3, F:3	968/EZ 196.22/09	Valid

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Model Name	Description	Revision Information		Report – No.	Status
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CFS1100	Safety Control Function for SCS (SSC10/SSC50)	N/A	2.03.00	968/EZ 196.27/10	Valid
CFS1300	Safety Control Functions Package (SSC60)	N/A	2.03.00	968/EZ 196.27/10	Valid
CFS1330	Node Expansion Package (SSC60)	N/A	2.03.00	968/EZ 196.27/10	Valid

**Further SW Components suitable for use to build up safety loops up to SIL3 with ProSafe-RS:**

Model Name	Description	Revision Information		Report – No.	Status
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CHS5100	Safety System Generation and Maintenance	N/A	2.03.00	968/EZ 196.27/10	Valid
CHS5400	Document Map and Safety Manual as part of the Software and Electronic Instruction Manual Media – CHSKM02	N/A	2.03.00	968/EZ 196.27/10	Valid

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Model Name	Description	Revision Information		Report – No.	Status
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CHSKM02	Software and Electronic Instruction Manual Media (Including: CHS5100, CHS2100, CHS2200, CHS5200, CHS5400, CHS5700)	N/A	2.03.00	968/EZ 196.27/10	Valid
CHS2100	SOE Viewer	N/A	2.03.00	968/EZ 196.27/10	Valid
CHS2200	SOE OPC Interface	N/A	2.03.00	968/EZ 196.27/10	Valid
CHS5200	Engineering for CS3000 Integration	N/A	2.03.00	968/EZ 196.27/10	Valid
CHS5700	FAST/TOOLS Integration Engineering Package	N/A	2.03.00	968/EZ 196.27/10	Valid
CHS5400	Electronic Instruction Manual	N/A	2.03.00	968/EZ 196.27/10	Valid
CFS9153	Modbus Communication Package (for ALR111, ALR121)	N/A	1.01.30	968/EZ 196.04/06	Valid

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	Released by Manufacturer:	Released by Test Institute:	Released by Certifier:
<b>Signed:</b>	 Toshihiko Matsuda	 Karsten Rotzoll	 Heinz Gall
<b>Date:</b>	2010-01-20	2010-01-20	2010-01-20

Document-Revision

Date	Version	Revisions / Changes	Author
2010-01-20	3.0	New Output Module: SDV53A, New High Performance CPU Controller SCP 461, miscellaneous modifications / improvements / bug fixes	Ro, He / ASI

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