



5.3 S800 Remote I/O

S800 I/O is a comprehensive, distributed and modular process I/O system that communicates with parent controllers via PROFIBUS. Thanks to its broad connectivity, the system is able to communicate with a wide range of process control systems from both ABB and other suppliers. By permitting installation in the field, close to sensors and actuators, S800 I/O greatly reduces the installation cost by reducing the cost of cabling. It is possible to exchange modules and reconfigure the system during operation. Redundancy options allow a high degree of availability. With its cost-effective design and just 59 mm depth installation, S800L I/O modules are the perfect choice for PLC applications. Robust mechanics, one-piece handling, easy mounting and smart connections save your time in all phases of installation.

Furthermore, S800L I/O with a cost-effective design and smaller footprint is available. To withstand harsh environments, all S800 modules are compliant to G3 severity level ISA-S71.04 , Environmental Conditions for Process Measurement and Control Systems.

Note: The S800 modules that can be used with Freelance are listed here.

5.3.1 Communication

5.3.1.1 Field communication interfaces

Name	Short Description	Article No.
CI801-eA	<p>PROFIBUS DP-V1 Communication Interface</p> <p>Including: 1x Power Supply Connector 1x TB807 ModuleBus Terminator</p> <p>The basic system software loaded in CI801 does not support the following I/O modules: DI830, DI831, DI885, AI880A, DI880 and DO880.</p>	3BSE022366R2
CI801 Engineering kit	<p>SW 1.2</p> <p>Including: 1x CD with GSD file, Memory Maps and Release Note. 1x Reference Manual Memory Maps for CI801.</p>	3BSE038540R1300
CI840A-eA	<p>Profibus DP-V1 Communication Interface. For 1+1 redundant operation.</p> <p>Two CI840A and one TU847 or one TU846 must be ordered. The basic system software loaded in CI840 does not support the following I/O modules: DI830, DI831, DI885, AI880A, DI880, DO880 and ABB Drives.</p>	3BSE041882R2
CI840 Engineering kit	<p>SW 4.0</p> <p>Including: 1x CD with GSD file, Memory Maps and Release Notes. 1x Reference Manual Memory Maps for CI840.</p>	3BSE031694R4000
TU846	<p>Module Termination Unit, MTU, for 1+1 CI840. Support for redundant I/O</p> <p>Vertical mounting of modules. Including: 1x Power Supply Connector 2x TB807 ModuleBus Terminator.</p>	3BSE022460R1

Name	Short Description	Article No.
TU847	Module Termination Unit for 1+1 CI840. Support for non-redundant I/O Vertical mounting of modules. Including: 1x Power Supply Connector 1x TB807 ModuleBus Terminator.	3BSE022462R1
Front label set	FCI / AC 70 / TB Sheet with 12 labels. For CI810, CI820, CI830, and TB820.	3BSC970089R1
Label set, item design	FCI / AC 70 / TB Sheet with 40 labels. For CI810, CI820, CI830, and TB820.	3BSC970091R1
Mounting kit	For vertical mounting of CI801, CI840 and TB840 on a vertical DIN rail	3BSE040749R1
Mounting profile 1800	2 DIN rails and 1 cable duct DIN rail length : 1650mm + 210mm (65") + (8.3")	3BSE049768R1
Al-profile	Al-profile with DIN Rail and Cable Duct, mounting 465 mm (19") DIN rail length 429mm (16,9")	3BSE022255R1
Al-profile	Al-profile with DIN Rail and Cable Duct for RM550, mounting 592 mm (24") DIN rail length 556mm (21,9")	3BSE022256R1

5.3.1.2 Upgrade kit and tool cables

Upgrading of CI801-eA or CI840A-eA to latest software version are available for download from ABB Library/SolutionsBank.

Item TK212A is cable connecting a PC to CI840A-eA for download of software. CI801-eA requires items TK212A and FS801K01 for download of software

Name	Short Description	Article No.
TK212A	Tool cable RJ45 (male) to Dsub-9 (female), length 3 m. RJ45 8P8C plug (with shell). Cable : UL2464 26 AWG x 8C.	3BSC630197R1
FS801K01	Service adapter kit Including: 1x Service adapter FS801 1x cable TK802 For connection of CI801 to PC. A cable TK812 is also needed.	3BSE038407R1

5.3.2 S800 I/O (eA) modules

5.3.2.1 S800 I/O (eA) Analog input modules

Name	Short Description	Article No.
AI810-eA	Analog Input, 1x8 channels 0(4)..20 mA, 0...10 V, 12 bit, single ended, 0.1%, Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833, TU835, TU838.	3BSE008516R2
AI815-eA	Analog Input, 1x8 channels, HART 0(4)..20mA, 0(1)..5V, 12bit, single ended, 0.1%, Rated isolation 50V. Current limited transmitter power distribution. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833, TU835 or TU838.	3BSE052604R2
AI820-eA	Analog Input, 4x1 channel +-20 mA, 0(4)..20 mA, +-10 V, +-5 V, 0(1)..5 V, diff., 5 0V CMV, 14 bit +sign. Rin(curr)250 Ohm, Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833.	3BSE008544R2
AI825-eA	Analog Input, 4x1 channel, galvanically isolated -20..20 mA, 0(4)..20 mA, -10...10 V, 0(2)...10 V, Galvanically isolated channels. 14 bit+sign, 0.1%, Rated isolation 250 V. Use Module Termination Unit TU811, TU813, TU831.	3BSE036456R2
AI830A-eA	Analog Input, 1x8 channels RTD Pt100, Ni100/120, Cu10, R, Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833.	3BSE040662R2
AI835A-eA	Analog Input, 8 channels, Thermocouple / mV Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833.	3BSE051306R2
AI843-eA	Analog Input, Redundant or Single 1x8 channels Thermocouple / mV Rated isolation 50 V. Use Modules Termination Unit TU830, TU833, TU842, TU843.	3BSE028925R2
AI845-eA	Analog Input, redundant or single, 1x8 channels HART 0(4)..20 mA, 0(1)..5 V, 12 bit, single ended, 0.1%, Rated isolation 50 V. Current limited transmitter power distribution. Advanced on-board diagnostics. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833, TU835, TU838, TU844, TU845.	3BSE023675R2
AI890	Analog Input, 1x8 channels with Intrinsic Safety Interface (4)..20 mA single ended 0.1%. Rated isolation 50 V. Use Module Termination Unit TU890 or TU891	3BSC690071R1

Name	Short Description	Article No.
AI893	Analog Input 8 channels, temperature measuring. Intrinsic Safety Interface, G3 compliant	3BSC690141R1
	For TC and RTD sensors. Rated isolation 50 V. Protection class G3. Use Module Termination Unit TU890 or TU891.	
AI895	Analog Input, 1x8 channels with Intrinsic Safety and HART, G3 compliant.	3BSC690086R1
	4..20 mA single ended 0,1%. Rated isolation 50 V. Protection class G3. Use Module Termination Unit TU890 or TU891.	

5.3.2.2 S800 I/O (eA) Analog output modules

Name	Short Description	Article No.
AO810V2-eA	Analog Output, 1x8 channels, 0(4)..20 mA	3BSE038415R2
	0(4)..20 mA, 14 bit RLmax 500/850 Ohm, Rated isolation 50 V. Use module Termination Unit TU810, TU812, TU814, TU830 or TU833.	
AO815-eA	Analog Output, 1x8 channels, HART	3BSE052605R2
	4..20mA, 12bit, 0.1%, RLmax 750 ohm, Rated isol. 50V. Use Module Termination Unit TU810, TU812, TU814, TU830 or TU833.	
AO820-eA	Analog Output, 4x1 channel	3BSE008546R2
	+..20 mA, 0(4)..20 mA, +-10 V, 12 bit+sign. Individ. isolation channels. RL max 500 Ohm, Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833.	
AO845A-eA	Analog Output, redundant or single, 1x8 channels, HART	3BSE045584R2
	4...20 mA, 12 bit, 0.1%, RLmax 750 ohm, Rated isolation 50 V. Advanced on-board diagnostics. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833, TU842, TU843.	
AO890	Analog Output, 1x8 channels with Intrinsic Safety Interface	3BSC690072R1
	0 (4)..20 mA 0,1%. RL max 750 Ohm Rated isolation 50 V. Use Module Termination Unit TU890 or TU891.	
AO895	Analog Output 1x8 channels with Intrinsic Safety and HART. G3 compliant	3BSC690087R1
	4..20 mA 0,1%. RL max 750 Ohm Rated isolation 50 V. Protection class G3. Use Module Termination Unit TU890 or TU891.	

5.3.2.3 S800 I/O (eA) Digital input modules

Name	Short Description	Article No.
DI810-eA	Digital Input, 24 VDC, 2x8 channels	3BSE008508R2
	Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833, TU838.	
DI811-eA	Digital Input, 48 VDC, 2x8 channels	3BSE008552R2
	Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833, TU838.	
DI814-eA	Digital Input, 24 VDC, 2x8 channels	3BUR001454R2
	Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833, TU838.	
DI818-eA	Digital Input, 24 VDC, 2x16 channels	3BSE069052R2
	Rated isolation 50 V. Use Module Termination Unit TU818, TU819, TU830.	
DI820-eA	Digital Input, 120 VAC, 8x1 channel	3BSE008512R2
	Rated isolation 250 V. Use Module Termination Unit TU811, TU813, TU831.	
DI821-eA	Digital Input, 230 VAC, 8x1 channel	3BSE008550R2
	Rated isolation 250 V. Use Module Termination Unit TU811, TU813, TU831.	
DI828-eA	Digital Input, 120 V AC/DC, 16x1 channel	3BSE069054R2
	Rated isolation 250 V. Use Module Termination Unit TU851.	
DI840-eA	Digital Input, redundant or single, 24 VDC, 1x16 channels	3BSE020836R2
	Advanced On-Board diagnostics. Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833, TU838, TU842, TU843.	
DI890	Digital Input, 8x1 channel with Intrinsic Safety Interface	3BSC690073R1
	Rated isolation 50 V. Use Module Termination Unit TU890 or TU891.	

5.3.2.4 S800 I/O (eA) Digital output modules

Name	Short Description	Article No.
DO810-eA	Digital Output, 24 VDC, 2x8 channels 0.5 A, Short circuit proof, Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833.	3BSE008510R2
DO814-eA	Digital Output, current sinking, 2x8 channels 0,5 A, shortcut circuit proof, Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833, TU838.	3BUR001455R2
DO815-eA	Digital Output, 24 VDC, 2x4 channels 2.0 A short circuit proof. Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833.	3BSE013258R2
DO818-eA	Digital Output, 24 VDC, 2x16 channels 0.5A, Short circuit proof, Rated isolation 50V Use Module Termination Unit TU818, TU819, TU830.	3BSE069053R2
DO820-eA	Digital Output, Relay, normal open, 8x1 channel 24-230 VAC 3 A, cos phi>0.4, d.c. 42 W, Rated isolation 250 V. Use Module Termination Unit TU811, TU813, TU831, TU836, TU837.	3BSE008514R2
DO821-eA	Digital Output, Relay, normal closed, 8x1 channel 24-230 VAC 3 A, cos phi>0.4, d.c. 42 W, Rated isolation 250 V. Use Module Termination Unit TU811, TU813, TU831, TU836, TU837.	3BSE013250R2
DO828-eA	DO828 Digital Output, Relay Normally Open, 16x1 channel 5-250VAC and 5-125VDC, max 2A, Rated isolation 250V. Use Module Termination Unit TU851.	3BSE069055R2
DO840-eA	Digital Output, redundant or single, 2x8 channels 24 VDC, 0.5 A. Advanced On-board diagnostics. Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833, TU842, TU843.	3BSE020838R2
DO890	Digital Output, 4x1 channel with Intrinsic Safety Interface Rated isolation 50 V. Use Module Termination Unit TU890 or TU891.	3BSC690074R1

5.3.2.5 S800 I/O (eA) Pulse counting modules

Name	Short Description	Article No.
DP820-eA	Pulse Counter RS-422, Current, 5 V, (12 V), 24 V 2 channels bidirectional pulse counters and frequency measurement. 1,5 MHz Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833.	3BSE013228R2
DP840-eA	Pulse Counter or Frequency Measurement Module, redundant or single, 1x8 channels 20 kHz. Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833, TU842, TU843, TU844, TU845.	3BSE028926R2

5.3.2.6 Label sets for S800 I/O modules

Name	Short Description	Article No.
Transparent film fronts	Set of 12 transparent plastic film fronts. To be used with ordinary paper quality.	3BSE072159R1
White colored plastic coated paper	One sheet of size A4. Original paper quality. No need to use transparent films.	3BSE072160R1

5.3.2.7 Module termination units for S800

Name	Short Description	Article No.
TU805K01	Termination Units Termination Units for two or three wire connection of DI801 and DO801. Include 10 pcs of Termination Unit TU805.	3BSE035990R1
TU810V1	Compact Module Termination Unit 50 V 2x8 signal terminals, rated isolation 50 V.	3BSE013230R1
TU811V1	Compact Module Termination Unit 250 V 1x8 signal terminals rated isolation 250 V.	3BSE013231R1
TU812V1	Compact Module Termination Unit 50 V With 25 pin D-sub connector, rated isolation 50 V. D-sub (female) connector is not enclosed.	3BSE013232R1
TU813	Compact Module Termination Unit 250 V 2x8 Signal terminals, Rated isolation 250 V. Detachable (pluggable) connectors are enclosed.	3BSE036714R1
TU814V1	Compact Module Termination Unit 50 V 2x8 Signal terminals, rated isolation 50 V. Detachable (pluggable) connectors are enclosed.	3BSE013233R1
TU818	Compact Module Termination Unit, MTU, 50V 1x32 (and 2x16) signal terminals, Rated isol. 50V	3BSE069209R1

Name	Short Description	Article No.
TU819	Compact Module Termination Unit, MTU, 50V With 2x25 pin D-sub connector, Rated isol. 50V, D-sub (female) connector is not enclosed	3BSE068891R1
TU830V1	Extended Module Termination Unit 50 V 2x16 signal terminals rated isolation 50 V.	3BSE013234R1
TU831V1	Extended Module Termination Unit 250 V 2x8 signal terminals rated isolation 250 V.	3BSE013235R1
TU833	Extended Module Termination Unit 50 V 2x16 signal terminals, Rated isolation 50 V. Spring-cage terminals.	3BSE038726R1
TU834	Extended Module Termination Unit 50 V Used with AI880 / AI880A. Rated isolation 50 V. Shunt Stick not included.	3BSE040364R1
TU835V1	Extended Module Termination Unit 50 V 8 fused power outlets, 8 signal terminals, rated isolation 50 V	3BSE013236R1
TU836V1	Extended Module Termination Unit 250 V 2x4 fused signals, 2x4 return terminals, 2x2 L terminals, 2x2 N terminals. Rated isolation 250 V.	3BSE013237R1
TU837V1	Extended Module Termination Unit 250 V 8x1 fused isolated signals, 8x1 L terminals, 2x6 N terminals. Rated isolation 250 V.	3BSE013238R1
TU838	Extended Module Termination Unit, MTU, 50V. 2x4 fused transducer power outlets, 16 signal terminals, 2x4 return terminals, 2x2 L+, 2x2 L- terminals, rated isol. 50V. Module is mounted horizontally.	3BSE008572R1
TU839	Extended Module Termination Unit, 250V 2x8 signal terminals, 2x4 fused sensor power, Rated isolation 250V.	3BSE046966R1
TU842	Module Termination Unit, MTU, for redundant applications, 50V. Used for AO845, DI840, DO840. Horizontal mounted DIN rail. Rated isolation 50V	3BSE020850R1
TU843	Module Termination Unit, MTU, for redundant applications, 50V. Used for AO845, DI840, DO840. Vertical mounted DIN rail. Rated isolation 50V.	3BSE021443R1
TU844	Module Termination Unit, MTU, for redundant applications, 50V. Used with AI845, AI880 and DP840. Horizontal mounted DIN rail. Rated isolation 50V. Shunt Stick not included.	3BSE021445R1
TU845	Module Termination Unit, MTU, for redundant applications, 50V. Used with AI845, AI880A and DP840. Vertical mounted DIN rail. Rated isolation 50V. Shunt Stick not included.	3BSE021447R1
TU850	Extended Module Termination Unit, MTU, 50V 2x8 signal terminals and 2x8 disconnectable current limited sensor/transmitter outlet power terminals. Rated isolation 50V.	3BSE050930R1
TU851	Extended Module Termination Unit, MTU, 250V 2x16 signal terminals, Rated isolation 250V	3BSE068782R1

Name	Short Description	Article No.
TU852	Module Termination Unit, MTU, for redundant applications, 50V Horizontal mounted DIN rail, used with redundant AO, DI, DO and DP I/O modules, with 2x25 pin D-sub connector, Rated isolation 50V	3BSE069964R1
TU854	Module Termination Unit, MTU, for redundant applications, 50V Horizontal mounted DIN rail, used with redundant AI and DP I/O modules, with 1x25 pin D-sub connector, Rated isolation 50V, Shunt Stick not included	3BSE069966R1
TU890	Module Termination Unit for Intrinsic Safety applications 3x9 signal terminals Rated isol. 50V. Including wiring separator.	3BSC690075R1
TU891	Module Termination Unit for non Intrinsic Safety applications 3x9 signal terminals Rated isol. 50V.	3BSC840157R1
TY801K01	8pcs Shunt Stick TY801 125 + 125 Ohm shunt. Used for AI845 and AI880A on TU844, TU845, TU854	3BSE023607R1
TY804K01	8pcs Shunt Stick TY804 1000 Ohm shunt. Used for DP840 on TU844, TU845, TU854	3BSE033670R1
TY820K01	10pcs Temperature Sensor TY820 TY820 is a temperature sensor with a PT 100 element. Can be used with AI835/AI835A and AI843 to measure cold junction Temperature.	3BSE056980R1



5.3.3 S800L (eA) modules

5.3.3.1 S800L (eA) Analog input modules

Name	Short Description	Article No.
AI801-eA	Analog Input, 1x8 channels 0(4)..20 mA, 12 bit, single ended, 0.1%, Rated isolation 50 V.	3BSE020512R2

5.3.3.2 S800L (eA) Analog output modules

Name	Short Description	Article No.
AO801-eA	Analog Output, 1x8 channels 0(4)..20 mA, 12 bit, RLmax 850 Ohm, Rated isolation 50 V.	3BSE020514R2

5.3.3.3 S800L (eA) Digital input modules

Name	Short Description	Article No.
DI801-eA	Digital Input, 24 VDC, 1x16 channels Rated isolation 50 V.	3BSE020508R2
DI802-eA	Digital Input, 120 VAC / DC, 8x1 channel Rated isolation 250 V.	3BSE022360R2
DI803-eA	Digital Input, 230 VAC / DC, 8x1 channel Rated isolation 250 V.	3BSE022362R2

5.3.3.4 S800L (eA) Digital output modules

Name	Short Description	Article No.
DO801-eA	Digital Output, 24 VDC, 16 channels 0.5 A. Short circuit proof, Rated isolation 50 V.	3BSE020510R2
DO802-eA	Digital Output, Relay, normal open, 8x1 channel 24-230 V, AC Rated isolation 250 V.	3BSE022364R2

5.3.3.5 Label sets for S800L I/O modules

Name	Short Description	Article No.
Label Set S800L	16 channels Sheet with 12 labels for 16 channels I/O modules.	3BSE019419R1
Label Set S800L	8 channels Sheet with 12 labels for 8 channels I/O modules.	3BSE019419R2

5.3.3.6 S800L ModuleBus communication parts

Name	Short Description	Article No.
TB805	Bus Outlet	3BSE008534R1
	ModuleBus extension cable adaptor D-sub 25, female. One required per extension cable TK801.	
TB845	Dual ModuleBus outlet	3BSE021437R1
	ModuleBus extension cable adaptor two D-sub, female. Two TK801 cables for redundancy.	
TB806	Bus Inlet	3BSE008536R1
	ModuleBus extension cable adaptor D-sub 25, male. One required per extension cable TK801.	
TB846	Dual ModuleBus inlet	3BSE021439R1
	ModuleBus extension cable adaptor two D-sub, male. Two TK801 cables for redundancy.	
TK801V003	TK801V003 Cable	3BSC950089R1
	ModuleBus Extension Shielded Cable 0.3m D-sub 25, male-female. G3 compliant.	
TK801V006	TK801V006 Cable	3BSC950089R2
	ModuleBus Extension Shielded Cable 0.6m D-sub 25, male-female. G3 compliant.	
TK801V012	TK801V012 Cable	3BSC950089R3
	ModuleBus Extension Shielded Cable 1.2m D-sub 25, male-female. G3 compliant.	
TB807	ModuleBus terminator	3BSE008538R1
	G3 compliant.	
TB820V2	ModuleBus Cluster Modem	3BSE013208R2
	Optical cluster modem for non redundant operation. Including: 1x Power Supply Connector 1x TB807 ModuleBus Terminator.	
TB840A	ModuleBus Cluster Modem	3BSE037760R2
	Optical cluster modem for 1+1 redundant operation.	
TB842	ModuleBus Optical Port	3BSE022464R1
	Used together with CI801 and CI840, connected via TB806 or TB846. 10 Mbits driver.	
TU807	Termination Unit for TB840/TB840A	3BSE039025R1
	Support for single modulebus I/O. Including: 1 pcs TB807	
TU840	Termination Unit for 1+1 TB840. Support for redundant I/O	3BSE020846R1
	Including: 1 pcs Power Supply Connector 2 pcs TB807 Modulebus Terminator	

Name	Short Description	Article No.
TU841	Termination unit for 1+1 TB840. Support for non-redundant I/O Including: 1 pcs Power Supply Connector 1 pcs TB807 Modulebus Terminator	3BSE020848R1
TU848	MTU with individual power supply for red. TB840/TB840A. Support for dual modulebus. Including: 2 pcs TB807	3BSE042558R1
TU849	MTU with individual power supply for red. TB840/TB840A. Support for single modulebus Including: 1 pcs TB807	3BSE042560R1
TK811V015	POF Cable, 1.5 m, Duplex L = 1.5 m latching duplex connector Duplex plastic fibre.	3BSC950107R1
TK811V050	POF Cable, 5 m, Duplex L = 5 m latching duplex connector Duplex plastic fibre.	3BSC950107R2
TK811V150	POF Cable, 15 m, Duplex L = 15 m latching duplex connector Duplex plastic fibre.	3BSC950107R3
TK812V015	POF Cable, 1.5 m, Simplex L = 1.5 m latching connector Simplex plastic fibre.	3BSC950118R1
TK812V050	POF Cable, 5 m, Simplex L = 5.0 m latching connector Simplex plastic fibre.	3BSC950118R2
TK812V150	POF Cable, 15 m, Simplex L = 15 m latching connector Simplex plastic fibre.	3BSC950118R3

5.3.4 Power supplies

Name	Short Description	Article No.
SD822Z	Power Supply Device Input 115/230V a.c. switch selectable, output 24V d.c., 5A. If redundant power application is required connect to SS822Z Voting Unit. Width=65mm. DIN rail mounted.	3BSC610054R1
SS822Z	Power Voting Unit With dual 24V d.c 20A inputs, single 24V d.c. 20A output. Each power input supervised. Used if redundant power supply is required. For use with power supply SD822Z. Width=50mm. DIN rail mounted.	3BSC610055R1
SD831	Power Supply Device Input 100-240 VAC or 110-300 VDC. Output 24 VDC, 3 A. If redundant power application is required connect to SS8XX Voting unit. Width = 35 mm. DIN rail mounted.	3BSC610064R1
SD832	Power Supply Device Input 100-120 / 200-240 VAC. Output 24 VDC, 5 A, auto-select input. If redundant power application is required connect to SD8XX Voting unit. Width = 35 mm. DIN rail mounted.	3BSC610065R1

Name	Short Description	Article No.
SD833	Power Supply Device	3BSC610066R1
	Input 100-120 / 200-240 VAC, auto-select input. Output 24 VDC, 10 A. If redundant power application is required connect to SD8XX Voting unit. Width = 60 mm. DIN rail mounted.	
SD834	Power Supply Device	3BSC610067R1
	Input 100-240 VAC or 110-300 VDC. Output 24 VDC, 20 A. If redundant power application is required connect to SS8XX Voting unit. Width = 85 mm. DIN rail mounted.	
SS832	Voting Device	3BSC610068R1
	Input 24 VDC. Dual 24 V to single 24 V, 2x 10 A. Width = 35 mm. DIN rail mounted.	

5.3.5 S800 I/O user documentation

Name	Short Description	Article No.
S800 I/O	Getting Started	3BSE020923-510
	User's Guide.	
S800 I/O	Modules and Termination Units	3BSE020924-510
	User's Guide.	
S800 I/O	Fieldbus Communication Interface for PROFIBUS DP/DPV1	3BSE020926-510
	User's Guide.	
S800 I/O	Modules and Termination Units with Intrinsic Safety Interface	3BSE020927-510
	User's Guide.	
S800 I/O	DTM 5.3	3BSE027630-510
	Reference Manual.	
S800 I/O	CI840 Memory Maps	3BSE025251-510
	Reference Manual.	
S800 I/O	CI801 Memory Maps	3BSE036959R5021
	Reference Manual.	