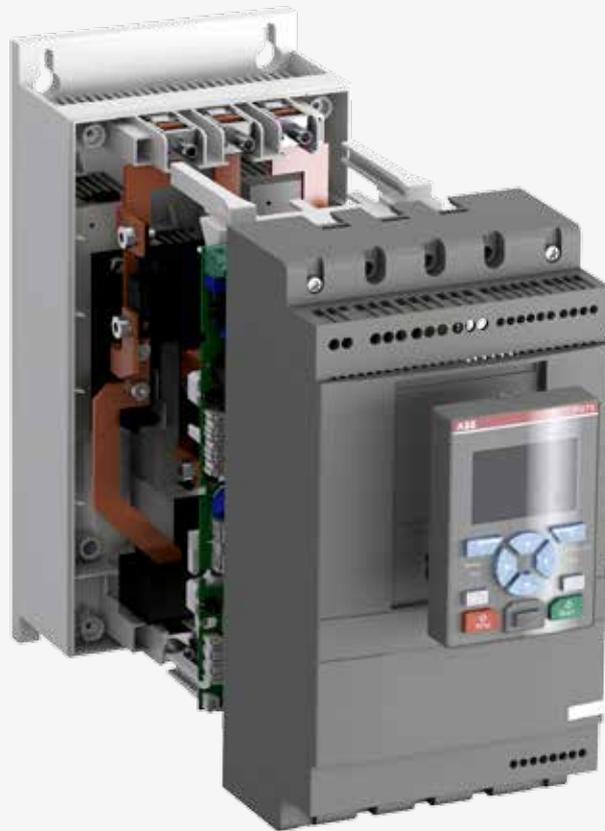

CATALOG

Softstarter spare parts

Type PSTX, PSE, PST(B), PSS



- [Softstarter service information](#)
- [Spare parts for Softstarters PSTX, PSE, PST\(B\) and PSS](#)

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Service for softstarters

Motor starting matters

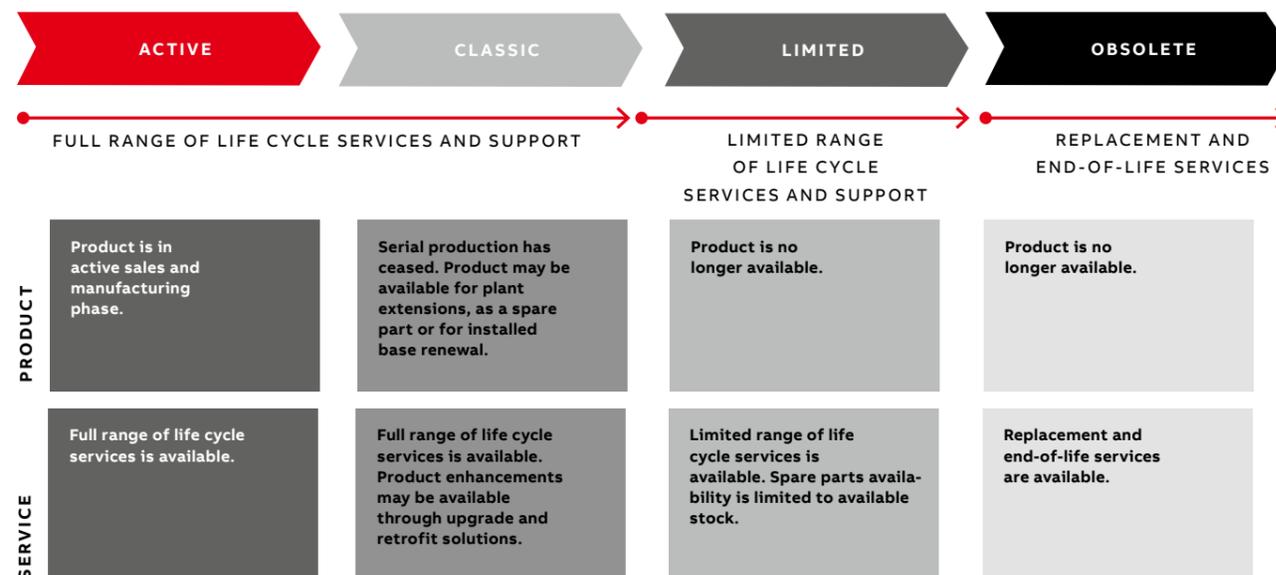


ABB's softstarters increase a motor's lifetime by protecting it from electrical stresses. They do so by letting you optimize starting currents that with conventional starting methods put lots of stress on the motor. With many built-in motor protection features, your motor is safe in its hands. ABB's softstarters are also installation-friendly and can cut your assembly and startup time by being easy to use and easy to learn.

With everything that you need in one unit, from bypass contactor to overload protection, a single softstarter makes for a compact and complete starting solution. Furthermore, with many application specific features, ABB's softstarters can ultimately help you increase productivity. Torque control, pump cleaning and many more features let you do more than simply softstarting.

You're in control of every life cycle phase of your softstarter. This table defines the services recommended and available throughout softstarter lifespan.

- Secure motor reliability
- Improve installation efficiency
- Increase application productivity



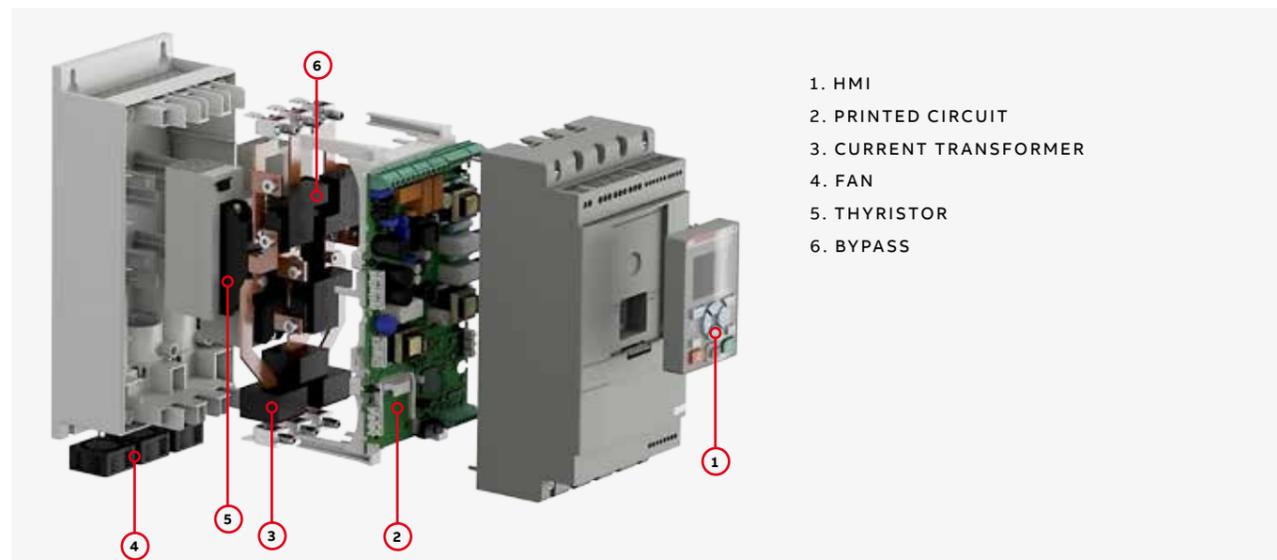
Legend of the column titles

For softstarter type	The softstarter type the spare part is intended to
Name	A short description of the spare part
Pcs per softstarter required	The amount that is required for one softstarter
Pcs/softstarter unit	The amount that is delivered per type code
Type	The type code of the part
Code/ID	The global catalog number
Weigth/pkg	The total weight of the package
Main voltage	If this is specified, it means that the part can handle the specified voltage. Otherwise, it will be applicable for all softstarters for this particular model and size.

Example 1: The cooling fan with ID 1SFA899215R1040 and type code PSFA-40 is delivered individual. If all three should be replaced, please order 3 x 1SFA899215R1040

Example 2: The thyristors in a PSTX470 for 600 V need to be replaced. The pkg quantity is 2, and the pcs per softstarter required is 6. If all thyristors should be replaced, 3 x 1SFA899211R2880 should be ordered.

PSTX spare parts



1. HMI
2. PRINTED CIRCUIT
3. CURRENT TRANSFORMER
4. FAN
5. THYRISTOR
6. BYPASS

For softstarter type	Name	Type	Order code	Pcs/softstarter unit	Pkg qty	Weight/ pkg	Price
HMI							
PSTX30 ... PSTX1250 ¹⁾	HMI module	PSDKP-1	1SFA899319R1001	1	1	0.325	
PSTX30 ... PSTX1250 ²⁾	HMI spare part kit	PSACC-1	1SFA899320R1001	1	1	0.136	
USB-cable for PSTX-PC connection							
PSTX30... PSTX1250		PSCA-1	1SFA899314R1001		1	0.054	
Printed circuit board							
PSTX30...PSTX170	Control board 1	PSPCB-CB-1	1SFA899301R1007	1	1	0.650	
PSTX210...PSTX370	Control board 2	PSPCB-CB-2	1SFA899301R1008	1	1	0.660	
PSTX470...PSTX1250	Control board 3	PSPCB-CB-3	1SFA899301R1009	1	1	0.670	
Cooling fan							
Main voltage							
PSTX30...PSTX105	<=690 V	PSFA-40	1SFA899215R1040	3	1	0.025	
PSTX142...PSTX170	<=690 V	PSFA-60	1SFA899215R1060	3	1	0.055	
PSTX210...PSTX370	<=690 V	PSFA-80	1SFA899215R1080	3	1	0.07	
PSTX470...PSTX1250	<=690 V	PSFA-80-1	1SFA899315R1080	4	1	0.089	
Plates and Stays							
PSTX470...PSTX570	Side plate	PSSP-1	1SFA899304R1001	2	1	0.642	
PSTX720...PSTX840	Side plate	PSSP-2	1SFA899304R1002	2	1	1.165	
PSTX1050...PSTX1250	Side plate	PSSP-3	1SFA899304R1003	2	1	1.165	
PSTX470...PSTX570	End plate (top plate)	PSEP-1	1SFA899305R1001	1	1	0.169	
PSTX720...PSTX840	End plate (top plate)	PSEP-2	1SFA899305R1002	1	1	0.316	
PSTX1050...PSTX1250	End plate (top plate)	PSEP-3	1SFA899305R1003	1	1	0.357	
PSTX470...PSTX570	Fan plate	PSFP-1	1SFA899306R1001	1	1	0.149	
PSTX720...PSTX840	Fan plate	PSFP-2	1SFA899306R1002	1	1	0.288	
PSTX1050...PSTX1250	Fan plate	PSFP-3	1SFA899306R1003	1	1	0.337	
PSTX470...PSTX840	Stay	PSSY-1	1SFA899307R1840	4	1	0.134	
PSTX1050...PSTX1250	Stay	PSSY-2	1SFA899307R2250	4	1	0.149	
Bypass relay and contactor							
PSTX30...105		PSBP-120	1SFA899201R1120	3	1	0.085	
PSTX142...PSTX170		PSBP-200	1SFA899201R1200	2	1	0.33	
PSTX210...PSTX370		PSBP-205	1SFA899301R1250	1	1	1.571	
PSTX470...PSTX570		PSBP-370	1SFA899301R1570	1	1	4.605	
PSTX720...PSTX1050		PSBP-750	1SFA899301R1750	1	1	15	
PSTX1250		PSBP-1250	1SFA899301R2250	1	1	15	

¹⁾Including RJ45 connector, keypad unit and manual

²⁾Including RJ45 connector, RJ45 cable, anybus connection cover, HMI gasket and nut, and rubber cover for HMI front.

Note: please read more in this document [1SFC132098M0201](#)

PSTX spare parts

For softstarter type	Name	Type	Order code	Pcs/softstarter unit	Pkg qty	Weight/ pkg	Price
Plastic details							
PSTX30...PSTX105	Plastic bottom	PSPB-1	1SFA899308R1001	1	1	1.266	
PSTX142...PSTX170	Plastic bottom	PSPB-2	1SFA899308R1002	1	1	1.902	
PSTX210...PSTX370	Plastic bottom	PSPB-3	1SFA899308R1003	1	1	3.674	
PSTX30...PSTX105	Circuit board bar holder	PSCBH-1	1SFA899312R1001	1	1	0.446	
PSTX142...PSTX170	Circuit board bar holder	PSCBH-2	1SFA899312R1002	1	1	0.618	
PSTX210...PSTX370	Circuit board bar holder	PSCBH-3	1SFA899312R1003	1	1	0.737	
PSTX470...PSTX1250	Circuit board bar holder	PSCBH-4	1SFA899312R1004	1	1	0.571	
PSTX470...PSTX570	Bar holder	PSBH-5	1SFA899313R1005	2	1	0.839	
PSTX720...PSTX1250	Bar holder	PSBH-6	1SFA899313R1006	2	1	0.820	
Current transformer							
Ratio							
PSTX30...PSTX105	105/0.025	PSCT-105	1SFA899302R1105	3	1	0.116	
PSTX142...PSTX170	175/0.025	PSCT-175	1SFA899302R1175	3	1	0.161	
PSTX210...PSTX370	370/0.200	PSCT-370	1SFA899302R1370	3	1	0.253	
PSTX470...PSTX570	570/0.200	PSCT-570	1SFA899302R1570	3	1	0.417	
PSTX720...PSTX840	840/0.200	PSCT-840	1SFA899302R1840	3	1	0.453	
PSTX1050...PSTX1250	1250/0.200	PSCT-1250	1SFA899302R2250	3	1	0.727	
SCRs							
Main voltage							
PSTX30	<= 600 V	PSTHM-44/16	1SFA899210R1044	3	1	0.250	
PSTX37	<= 600 V	PSTHM-56/16	1SFA899210R1056	3	1	0.250	
PSTX45	<= 600 V	PSTHM-95/16	1SFA899210R1095	3	1	0.250	
PSTX60	<= 600 V	PSTHM-95/16	1SFA899210R1095	3	1	0.250	
PSTX72	<= 600 V	PSTHM-132/16	1SFA899210R1132	3	1	0.330	
PSTX85	<= 600 V	PSTHM-132/16	1SFA899210R1132	3	1	0.330	
PSTX105	<= 600 V	PSTHM-162/16	1SFA899210R1162	3	1	0.330	
PSTX142	<= 600 V	PSTHM-200/16	1SFA899210R1200	3	1	0.330	
PSTX170	<= 600 V	PSTHM-312/16	1SFA899210R1312	3	1	0.840	
PSTX210	<= 600 V	PSTHM-312/16	1SFA899210R1312	3	1	0.840	
PSTX250	<= 600 V	PSTHM-501/16	1SFA899210R1501	3	1	1.500	
PSTX300	<= 600 V	PSTHM-501/16	1SFA899210R1501	3	1	1.500	
PSTX370	<= 600 V	PSTHM-501/16	1SFA899210R1501	3	1	1.500	
PSTX470	<= 600 V	PSTP-1880/16	1SFA899211R2880	6	2	0.51	
PSTX570	<= 600 V	PSTP-2280/16	1SFA899211R3280	6	2	0.641	
PSTX720	<= 600 V	PSTP-2880/16	1SFA899211R3880	6	2	0.647	
PSTX840	<= 600 V	PSTP-3360/16	1SFA899211R4360	6	2	0.657	
PSTX1050	<= 600 V	PSTP-4200/16	1SFA899211R5200	6	2	1.177	
PSTX1250	<= 600 V	PSTP-5000/16	1SFA899211R6000	6	2	1.077	
PSTX30	<= 690 V	PSTHM-44/18	1SFA899311R1044	3	1	0.250	
PSTX37	<= 690 V	PSTHM-56/18	1SFA899311R1056	3	1	0.250	
PSTX45	<= 690 V	PSTHM-95/18	1SFA899311R1095	3	1	0.250	
PSTX60	<= 690 V	PSTHM-95/18	1SFA899311R1095	3	1	0.250	
PSTX72	<= 690 V	PSTHM-132/18	1SFA899311R1132	3	1	0.330	
PSTX85	<= 690 V	PSTHM-132/18	1SFA899311R1132	3	1	0.330	
PSTX105	<= 690 V	PSTHM-162/18	1SFA899311R1162	3	1	0.330	
PSTX142	<= 690 V	PSTHM-200/18	1SFA899311R1200	3	1	0.330	
PSTX170	<= 690 V	PSTHM-312/18	1SFA899311R1312	3	1	0.840	
PSTX210	<= 690 V	PSTHM-312/18	1SFA899311R1312	3	1	0.840	
PSTX250	<= 690 V	PSTHM-501/18	1SFA899311R1501	3	1	1.500	
PSTX300	<= 690 V	PSTHM-501/18	1SFA899311R1501	3	1	1.500	
PSTX370	<= 690 V	PSTHM-501/18	1SFA899311R1501	3	1	1.500	
PSTX470	<= 690 V	PSTP-1880/18	1SFA899311R2880	6	2	0.457	
PSTX570	<= 690 V	PSTP-2280/18	1SFA899311R3280	6	2	0.641	
PSTX720	<= 690 V	PSTP-2880/18	1SFA899311R3880	6	2	0.647	
PSTX840	<= 690 V	PSTP-3360/18	1SFA899311R4360	6	2	0.657	
PSTX1050	<= 690 V	PSTP-4200/18	1SFA899311R5200	6	2	1.177	
PSTX1250	<= 690 V	PSTP-5000/18	1SFA899311R6000	6	2	1.077	
Terminal kit							
PSTX142...PSTX170		PSLE-185	1SFA899221R1002	2	2	0.200	
PSTX210...PSTX370		PSLE-300	1SFA899221R1003	2	2	0.200	
PSTX470...PSTX570		PSLE-460	1SFA899221R1004	6	6	0.555	
PSTX720...PSTX1250		PSLE-750	1SFA899221R1005	6	6	0.675	
Kit for changing SCR							
PSTX30 ... PSTX370	Sufficient for replacing 10 thyristor blocks	PSPB-1	1SFA899012R1001	1	1	0.050	
PSTX470 ... PSTX1250	Sufficient for replacing 20 thyristor disc	PSPB-2	1SFA899012R1002	1	1	0.050	

PSE spare parts



1. USB CABLE
2. HMI AND PCBA
3. CURRENT TRANSFORMER
4. COOLING FAN
5. THYRISTOR
6. BYPASS

For softstarter type	Name	Type	Order code	Pcs/softstarter unit	Pkg qty	Weight/ pkg	Price
HMI and PCBA							
PSE18 ... PSE105		PSEHMI-1	1SFA899219R7001	1	1	0.560	
PSE142 ... PSE170		PSEHMI-2	1SFA899219R7002	1	1	0.560	
PSE210 ... PSE370 - Generation 1		PSEHMI-3	1SFA899219R7003	1	1	0.560	
PSE210... PSE370 - Generation 2		PSEHMI-4	1SFA899219R7004	1	1		
Cooling fan							
PSE18 ... PSE105		PSFA-40	1SFA899215R1040	2	1	0.025	
PSE142 ... PSE170		PSFA-60	1SFA899215R1060	2	1	0.055	
PSE210 ... PSE370		PSFA-80	1SFA899215R1080	2	1	0.070	
Bypass relays and contactors							
PSE18 ... PSE105		PSBP-120	1SFA899201R1120	2	1	0.085	
PSE142 ... PSE170		PSBP-200	1SFA899201R1200	1	1	0.330	
PSE210 ... PSE370 Generation 1		AF110-30-00	1SFL457001R7000	2	1	2.100	
PSE210 ... PSE370 Generation 2		PSBP-205-1	1SFA899301R1260	1	1		
Accessories							
USB-cable for PSE-PC connection	PSE18 ... PSE370	PSECA	1SFA897201R1001	1	1	0.130	
Terminal Extensions retrofit kit		LXR370	1SFA899222R1003	1	1		
Modbus adaptor		PS-MBIA	1SFA899300R1020	1	1		
SCRs							
PSE18		PSTHM-26/16	1SFA899210R1026	2	1	0.090	
PSE25		PSTHM-26/16	1SFA899210R1026	2	1	0.090	
PSE30		PSTHM-44/16	1SFA899210R1044	2	1	0.090	
PSE37		PSTHM-44/16	1SFA899210R1044	2	1	0.090	
PSE45		PSTHM-56/16	1SFA899210R1056	2	1	0.090	
PSE60		PSTHM-95/16	1SFA899210R1095	2	1	0.090	
PSE72		PSTHM-95/16	1SFA899210R1095	2	1	0.090	
PSE85		PSTHM-132/16	1SFA899210R1132	2	1	0.125	
PSE105		PSTHM-162/16	1SFA899210R1162	2	1	0.125	
PSE142		PSTHM-162/16	1SFA899210R1162	2	1	0.125	
PSE170		PSTHM-200/16	1SFA899210R1200	2	1	0.125	
PSE210		PSTHM-312/16	1SFA899210R1312	2	1	0.750	
PSE250		PSTHM-501/16	1SFA899210R1501	2	1	1.500	
PSE300		PSTHM-501/16	1SFA899210R1501	2	1	1.500	
PSE370		PSTHM-501/16	1SFA899210R1501	2	1	1.500	
Terminal kit							
PSE142...PSE170		PSLE-185	1SFA899221R1002	2	2	0.200	
PSE210...370		PSLE-300	1SFA899221R1003	2	2	0.200	
Kit for changing SCR - Heat transfer compound							
PSE18 ... PSE370	Sufficient for replacing 10 thyristor blocks	PSPB-1	1SFA899012R1001	1	1	0.050	
PSE Clamps							
Clamps for PSE			1SFN074208R1000				

PST(B) spare parts



1. HMI
2. BARHOLDERS
3. COVER
4. PRINTED CIRCUIT

For softstarter type	Name	Type	Order code	Pcs/softstarter unit	Pkg qty	Weight/ pkg	Price
HMI							
PST30 ... PST300		PSHMI-1	1SFA899019R7001	1	1	1.000	
PSTB370 ... PSTB1050		PSHMI-2	1SFA899019R7002	1	1	1.000	
PST30-T ... PST300-T		PSHMI-1-T	1SFA899019R7021	1	1	1.000	
PSTB370-T ... PSTB1050-T		PSHMI-2-T	1SFA899019R7022	1	1	1.000	
Display							
PST30 ... PST300, PSTB370 ... 1050		PSDP-1	1SFA899017R1000	1	1	0.040	
Keypad							
PST30 ... PST300, PSTB370 ... 1050		PSPK-1	1SFA899018R1000	1	1	0.010	
Printed circuit board¹⁾							
PST30... PST300, PSTB370 ... PSTB1050	Low voltage board	PSPCB-LV/T	1SFA899020R7000	1	1	0.360	
PST30-T ... PST300-T, PSTB370-T ... PSTB1050-T	Low voltage board - coated	PSPCB-LV/T-T	1SFA899020R7020	1	1	0.360	
PST30... PST300, PSTB370 ... PSTB1050	High voltage board	PSPCB-690/T	1SFA899020R7690	1	1	0.190	
PST30-T ... PST300-T, PSTB370-T ... PSTB1050-T	High voltage board - coated	PSPCB-690/T-T	1SFA899020R7691	1	1	0.190	
Cooling fan							
PST30 ... PST72	Main voltage						
PST85 ... PST142	<=690	PSFA-024	1SFA899015R7024	2	1	0.020	
PST175 ... PST300	<=690	PSFA-224	1SFA899015R7224	2	1	0.020	
PSTB370... PSTB1050	<=690	PSFA-224	1SFA899015R7224	3	1	0.020	
Upper barholders							
PST85 ... PST142	Terminal included	PSTBH-1	1SFA899031R1001	1	1	0.700	
PST175 ... PST300	Terminal included	PSTBH-2	1SFA899031R1002	1	1	1.130	
PSTB370... PSTB470	No terminals included	PSTBH-3	1SFA899031R1003	1	1	1.000	
PSTB570 ... PSTB1050	No terminals included	PSTBH-4	1SFA899031R1004	1	1	1.200	
Lower barholders							
PST85 ... PST142	Terminal included	PSBH-1	1SFA899030R1001	1	1	0.500	
PST175 ... PST300	Terminal included	PSBH-2	1SFA899030R1002	1	1	0.700	
PSTB370... PSTB470	No terminals included	PSTBH-3	1SFA899031R1003	1	1	1.000	
PSTB570 ... PSTB1050	No terminals included	PSTBH-4	1SFA899031R1004	1	1	1.200	

¹⁾Note: There are two different PCBAs for PST(B): One high voltage and one low voltage. It is recommended to replace both cards if a replacement is done. There are also two versions of each card: coated and non coated. The coated board is more resilient against harmful airborne particles.

PST(B) spare parts

For softstarter type	Description	Type	Order code	Pcs/softstarter unit	Pkg qty	Weight/ pkg	Price
Stays							
PSTB370... PSTB470		PSTLS-1	1SFA899032R1001	1	1	0.200	
		PSTRS-1	1SFA899032R1002	1	1	0.200	
		PSTMS-1	1SFA899032R1003	1	1	0.200	
PSTB570 ... PSTB1050		PSTLS-2	1SFA899032R1004	1	1	0.300	
		PSTRS-2	1SFA899032R1005	1	1	0.300	
		PSTMS-2	1SFA899032R1006	1	1	0.300	
Cover							
PST30 ... PST300,PSTB370 ... 1050 ¹⁾		PSCT-1	1SFA899040R1001	1	1	0.136	
Current transformers							
PST30	30/1	PSCT-30	1SFA899001R1030	3	1	0.200	
PST37	40/1	PSCT-40	1SFA899001R1040	3	1	0.200	
PST44	50/1	PSCT-50	1SFA899001R1050	3	1	0.200	
PST50	50/1	PSCT-50	1SFA899001R1050	3	1	0.200	
PST60	60/1	PSCT-60	1SFA899001R1060	3	1	0.200	
PST72	75/1	PSCT-75	1SFA899001R1075	3	1	0.200	
PST85	100/1	PSCT-100	1SFA899001R1100	3	1	0.150	
PST105	125/1	PSCT-125	1SFA899001R1125	3	1	0.150	
PST142	150/1	PSCT-150	1SFA899001R1150	3	1	0.150	
PST175	200/1	PSCT-200	1SFA899001R1200	3	1	0.250	
PST210	250/1	PSCT-250	1SFA899001R1250	3	1	0.250	
PST250	250/1	PSCT-250	1SFA899001R1250	3	1	0.250	
PST300	300/1	PSCT-300	1SFA899001R1300	3	1	0.300	
PSTB370	400/1	PSCT-400	1SFA899001R1400	3	1	0.200	
PSTB470	500/1	PSCT-500	1SFA899001R1500	3	1	0.300	
PSTB570	600/1	PSCT-600	1SFA899001R1600	3	1	0.300	
PSTB720	750/1	PSCT-750	1SFA899001R1750	3	1	0.300	
PSTB840	1000/1	PSCT-1000	1SFA899001R2000	3	1	0.300	
PSTB1050	1200/1	PSCT-1200	1SFA899001R2200	3	1	0.300	
Terminal kit							
PST85 ... 142 ²⁾		PSLE-185	1SFA899221R1002	2	2	0.200	
PST175 ... PST300		PSLE-300	1SFA899221R1003	4	2	0.200	
PSTB370 ... PSTB470		PSLE-460	1SFA899221R1004	6	6	0.555	
PSTB570 ... PSTB1050		PSLE-750	1SFA899221R1005	6	6	0.675	
Kit for changing SCR							
PST30...300	Sufficient for replacing 10 thyristor blocks	PSPB-1	1SFA899012R1001		1	0.050	
PSTB370...1050	Sufficient for replacing 20 thyristor disc	PSPB-2	1SFA899012R1002		1	0.050	

¹⁾ Softstarter type code needs to be included with the order in the special handling text.

²⁾ Only fits motor side.

PST(B) spare parts

For softstarter type	Main voltage	Type	Order code	Pcs/softstarter unit	Pkg qty	Weight/ pkg	Price
SCRs PST(B)							
PST30	<= 600 V	PSTM-42/16	1SFA899010R1042	3	1	0.100	
PST37	<= 600 V	PSTM-57/16	1SFA899010R1057	3	1	0.100	
PST44	<= 600 V	PSTM-92/16	1SFA899010R1092	3	1	0.100	
PST50	<= 600 V	PSTM-92/16	1SFA899010R1092	3	1	0.100	
PST60	<= 600 V	PSTM-132/16	1SFA899010R1132	3	1	0.250	
PST72	<= 600 V	PSTM-172/16	1SFA899010R1172	3	1	0.250	
PST85	<= 600 V	PSTM-172/16	1SFA899010R1172	3	1	0.250	
PST105	<= 600 V	PSTM-210/16	1SFA899010R1210	3	1	0.940	
PST142	<= 600 V	PSTM-250/16	1SFA899011R1250	3	1	0.940	
PST175	<= 600 V	PSTM-250/16	1SFA899011R1250	3	1	0.940	
PST210	<= 600 V	PSTM-330/16	1SFA899010R1330	3	1	0.750	
PST250	<= 600 V	PSTM-500/16	1SFA899010R1500	3	1	1.420	
PST300	<= 600 V	PSTM-500/16	1SFA899010R1500	3	1	1.420	
PST30	<= 690 V	PSTM-42/18	1SFA899011R1042	3	1	0.100	
PST37	<= 690 V	PSTM-57/18	1SFA899011R1057	3	1	0.100	
PST44	<= 690 V	PSTM-92/18	1SFA899011R1092	3	1	0.100	
PST50	<= 690 V	PSTM-92/18	1SFA899011R1092	3	1	0.100	
PST60	<= 690 V	PSTM-132/18	1SFA899011R1132	3	1	0.250	
PST72	<= 690 V	PSTM-172/18	1SFA899011R1172	3	1	0.250	
PST85	<= 690 V	PSTM-172/18	1SFA899011R1172	3	1	0.250	
PST105	<= 690 V	PSTM-210/18	1SFA899011R1210	3	1	0.940	
PST142	<= 690 V	PSTM-250/18	1SFA899011R1250	3	1	0.940	
PST175	<= 690 V	PSTM-250/18	1SFA899011R1250	3	1	0.940	
PST210	<= 690 V	PSTM-330/18	1SFA899011R1330	3	1	0.750	
PST250	<= 690 V	PSTM-500/18	1SFA899011R1500	3	1	1.420	
PST300	<= 690 V	PSTM-500/18	1SFA899011R1500	3	1	1.420	
PSTB370	<= 600 V	PSTP-280/16	1SFA899008R1280	6	1	0.090	
PSTB470	<= 600 V	PSTP-960/18	1SFA899008R1960	6	1	0.340	
PSTB570 ³⁾	<= 600 V	PSTP-540/16	1SFA899008R1540	6	1	0.510	
PSTB720	<= 600 V	PSTP-540/16	1SFA899008R1540	6	1	0.510	
PSTB840	<= 600 V	PSTP-600/16	1SFA899008R1600	6	1	0.510	
PSTB1050	<= 600 V	PSTP-990/16	1SFA899008R1990	6	1	1.000	
PSTB370	<= 690 V	PSTP-280/18	1SFA899009R1280	6	1	0.090	
PSTB470	<= 690 V	PSTP-960/18	1SFA899008R1960	6	1	0.340	
PSTB570 ²⁾	<= 690 V	PSTP-540/18	1SFA899009R1540	6	1	0.510	
PSTB720	<= 690 V	PSTP-540/18	1SFA899009R1540	6	1	0.510	
PSTB840	<= 690 V	PSTP-760/18	1SFA899009R1760	6	1	1.000	
PSTB1050	<= 690 V	PSTP-1400/18	1SFA899009R2400	6	1	1.700	
SCR clamp upgrade kit							
Main voltage							
PSTB570 ³⁾	<= 600 V	PSTPK-540/16	1SFA899108R1540	6	1	3.353	
PSTB570 ⁴⁾	<= 690 V	PSTPK-540/18	1SFA899109R1540	6	1	3.341	

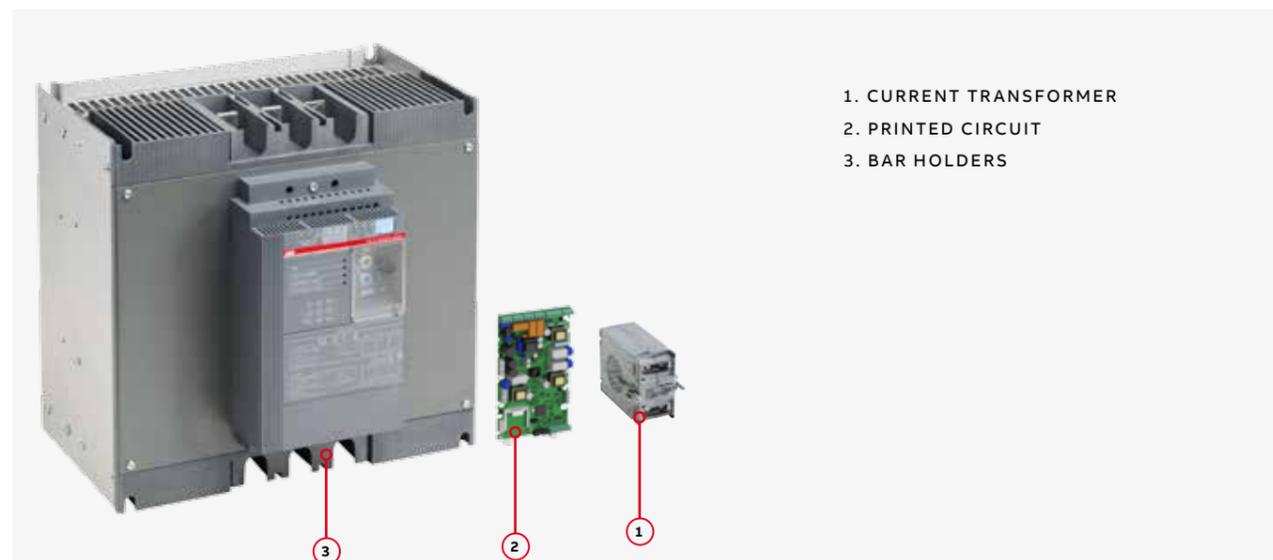
¹⁾ Shall be used for PSTB570-600 manufactured after Serial number: 1S160100115411189.

²⁾ Shall be used for PSTB570-690 manufactured after Serial number: 1S160100115211256.

³⁾ Shall be used for PSTB570-600 manufactured before Serial number: 1S160100115411189.

⁴⁾ Shall be used for PSTB570-690 manufactured before Serial number: 1S160100115211256.

PSS spare parts



For softstarter type	Main voltage	Type	Order code	Pcs/softstarter unit	Pkg qty	Weight/pkg	Price
Printed circuit board							
PSS18 ... PSS300 ¹⁾	Main PCB230 ... 500 V	PSPCB-500/S	1SFA899020R1500	1	1	0.370	
PSS18...PSS300-C ²⁾	Main PCB230 ... 500 V	PSPCB-500C/S	1SFA899020R2500	1	1	0.370	
PSS18 ... PSS300 ¹⁾	Main PCB380 ... 690 V	PSPCB-690/S	1SFA899020R1690	1	1	0.470	
PSS18...PSS300-C ²⁾	Main PCB380 ... 690 V	PSPCB-690C/S	1SFA899020R2690	1	1	0.470	
Cooling fan							
Main voltage							
PSS18 ... PSS44	500 V	PSFA-12	1SFA899015R1012	1	1	0.020	
PSS50 ... PSS72	500 V	PSFA-12	1SFA899015R1012	2	1	0.020	
PSS18 ... PSS44	690 V	PSFA-12	1SFA899015R1012	2	1	0.020	
PSS85 ... PSS142	500/690 V	PSFA-115	1SFA899015R1115	2	1	0.250	
PSS175 ... PSS300	500/690 V	PSFA-115	1SFA899015R1115	4	1	0.250	
Upper and lower barholders							
PSS85 ... PSS142		PSBH-1	1SFA899030R1001	1	1	0.500	
PSS175 ... PSS300		PSBH-2	1SFA899030R1002	1	1	0.700	
Current transformer							
	Ratio						
PSS18	30/1	PSCT-30	1SFA899001R1030	3	1	0.200	
PSS30	40/1	PSCT-40	1SFA899001R1040	3	1	0.200	
PSS37	50/1	PSCT-50	1SFA899001R1050	3	1	0.200	
PSS44	60/1	PSCT-60	1SFA899001R1060	3	1	0.200	
PSS50	75/1	PSCT-75	1SFA899001R1075	3	1	0.200	
PSS60	75/1	PSCT-75	1SFA899001R1075	3	1	0.200	
PSS72	100/1	PSCT-100	1SFA899001R1100	3	1	0.150	
PSS85	125/1	PSCT-125	1SFA899001R1125	3	1	0.150	
PSS105	150/1	PSCT-150	1SFA899001R1150	3	1	0.150	
PSS142	200/1	PSCT-200	1SFA899001R1200	3	1	0.250	
PSS175	250/1	PSCT-250	1SFA899001R1250	3	1	0.250	
PSS250	400/1	PSCT-400	1SFA899001R1400	3	1	0.200	
PSS300	400/1	PSCT-400	1SFA899001R1400	3	1	0.200	

¹⁾ Printed circuit board with fault signal contact normally open (N.O.)

²⁾ Printed circuit board with fault signal contact normally closed (N.C.)

PSS spare parts

For softstarter type	Main voltage	Type	Order code	Pcs/softstarter unit	Pkg qty	Weight/pkg	Price
SCRs							
PSS18	<= 600 V	PSTM-27/16	1SFA899010R1027	3	1	0.100	
PSS30	<= 600 V	PSTM-42/16	1SFA899010R1042	3	1	0.100	
PSS37	<= 600 V	PSTM-57/16	1SFA899010R1057	3	1	0.100	
PSS44	<= 600 V	PSTM-92/16	1SFA899010R1092	3	1	0.100	
PSS50	<= 600 V	PSTM-92/16	1SFA899010R1092	3	1	0.100	
PSS60	<= 600 V	PSTM-132/16	1SFA899010R1132	3	1	0.250	
PSS72	<= 600 V	PSTM-172/16	1SFA899010R1172	3	1	0.250	
PSS85	<= 600 V	PSTM-172/16	1SFA899010R1172	3	1	0.250	
PSS105	<= 600 V	PSTM-210/16	1SFA899010R1210	3	1	0.940	
PSS142	<= 600 V	PSTM-250/16	1SFA899011R1250	3	1	0.940	
PSS175	<= 600 V	PSTM-250/16	1SFA899011R1250	3	1	0.940	
PSS250	<= 600 V	PSTM-500/16	1SFA899010R1500	3	1	1.420	
PSS300	<= 600 V	PSTM-500/16	1SFA899010R1500	3	1	1.420	
PSS18	<= 690 V	PSTM-27/18	1SFA899011R1027	3	1	0.100	
PSS30	<= 690 V	PSTM-42/18	1SFA899011R1042	3	1	0.100	
PSS37	<= 690 V	PSTM-57/18	1SFA899011R1057	3	1	0.100	
PSS44	<= 690 V	PSTM-92/18	1SFA899011R1092	3	1	0.100	
PSS50	<= 690 V	PSTM-92/18	1SFA899011R1092	3	1	0.100	
PSS60	<= 690 V	PSTM-132/18	1SFA899011R1132	3	1	0.250	
PSS72	<= 690 V	PSTM-172/18	1SFA899011R1172	3	1	0.250	
PSS85	<= 690 V	PSTM-172/18	1SFA899011R1172	3	1	0.250	
PSS105	<= 690 V	PSTM-210/18	1SFA899011R1210	3	1	0.940	
PSS142	<= 690 V	PSTM-250/18	1SFA899011R1250	3	1	0.940	
PSS175	<= 690 V	PSTM-250/18	1SFA899011R1250	3	1	0.940	
PSS250	<= 690 V	PSTM-500/18	1SFA899011R1500	3	1	1.420	
PSS300	<= 690 V	PSTM-500/18	1SFA899011R1500	3	1	1.420	
Kit for changing SCR							
PSS18 ... 300	Sufficient for replacing 10 thyristor blocks	PSPB-1	1SFA899012R1001		1	0.050	
Terminal kit							
PSS85/147 ... PSS 142/245		PSLE-185	1SFA899221R1002	2	2	0.200	
PSS175/300 ... PSS300/515		PSLE-300	1SFA899221R1003	2	2	0.200	

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www.new.abb.com/low-voltage/products/softstarters



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