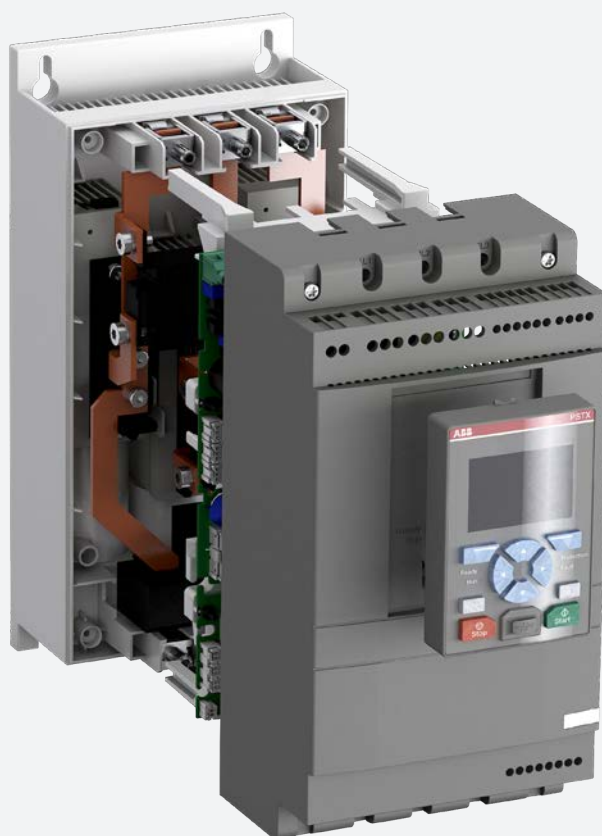


CATALOG

Softstarter spare parts

Type PSTX, PSE, PST(B), PSS



—
The softstarters from ABB normally don't require any maintenance more than to brush off dust when needed.

It can of course happen that some component breaks down by external reason. In this catalogue you will find all the main parts available, also incl the HMI and plastic covers etc. We recommend using an ABB certified partner for the service.

Contents

04	Service for softstarters
06	PSTX softstarter
12	PSE softstarter
16	PST(B) softstarter
22	PSS softstarter
26	Extended warranty

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.

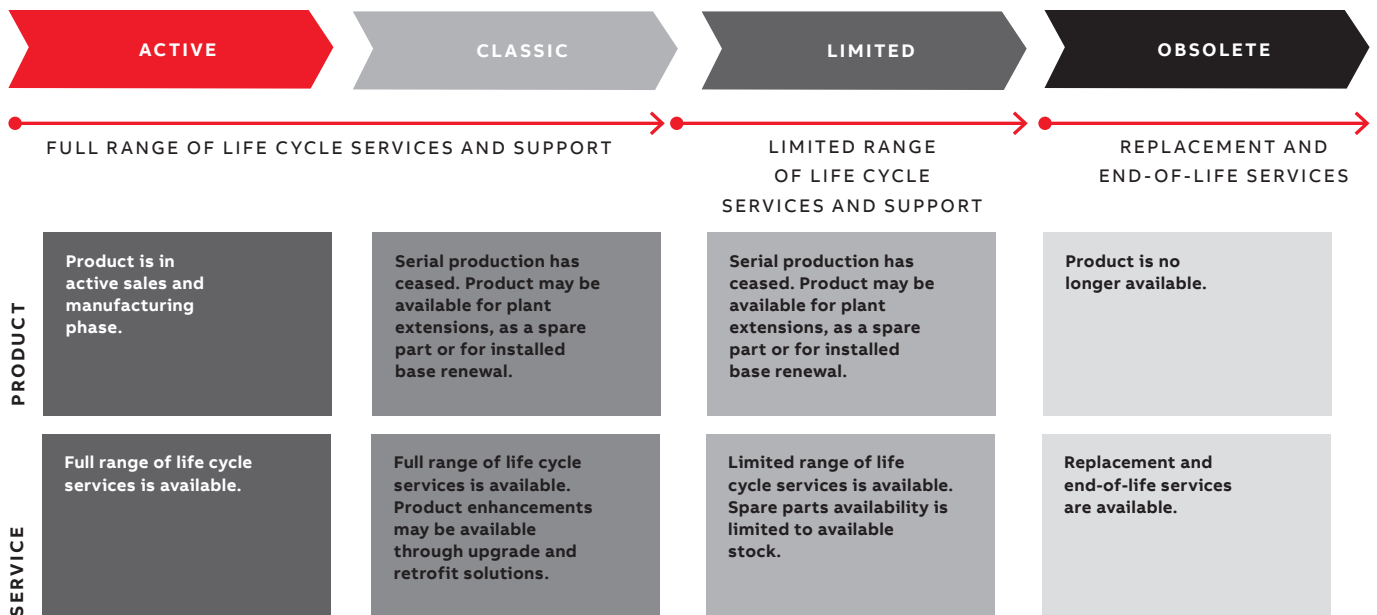
With everything that you need in one unit, from bypass contactor to overload protection, a single softstarter makes for a compact and complete starting solution. Furthermore, with many application specific features, ABB's softstarters can ultimately help you increase productivity. Torque control, pump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



For more manuals and marketing materials scan the QR code or visit:
solutions.abb/softstarter-manuals

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

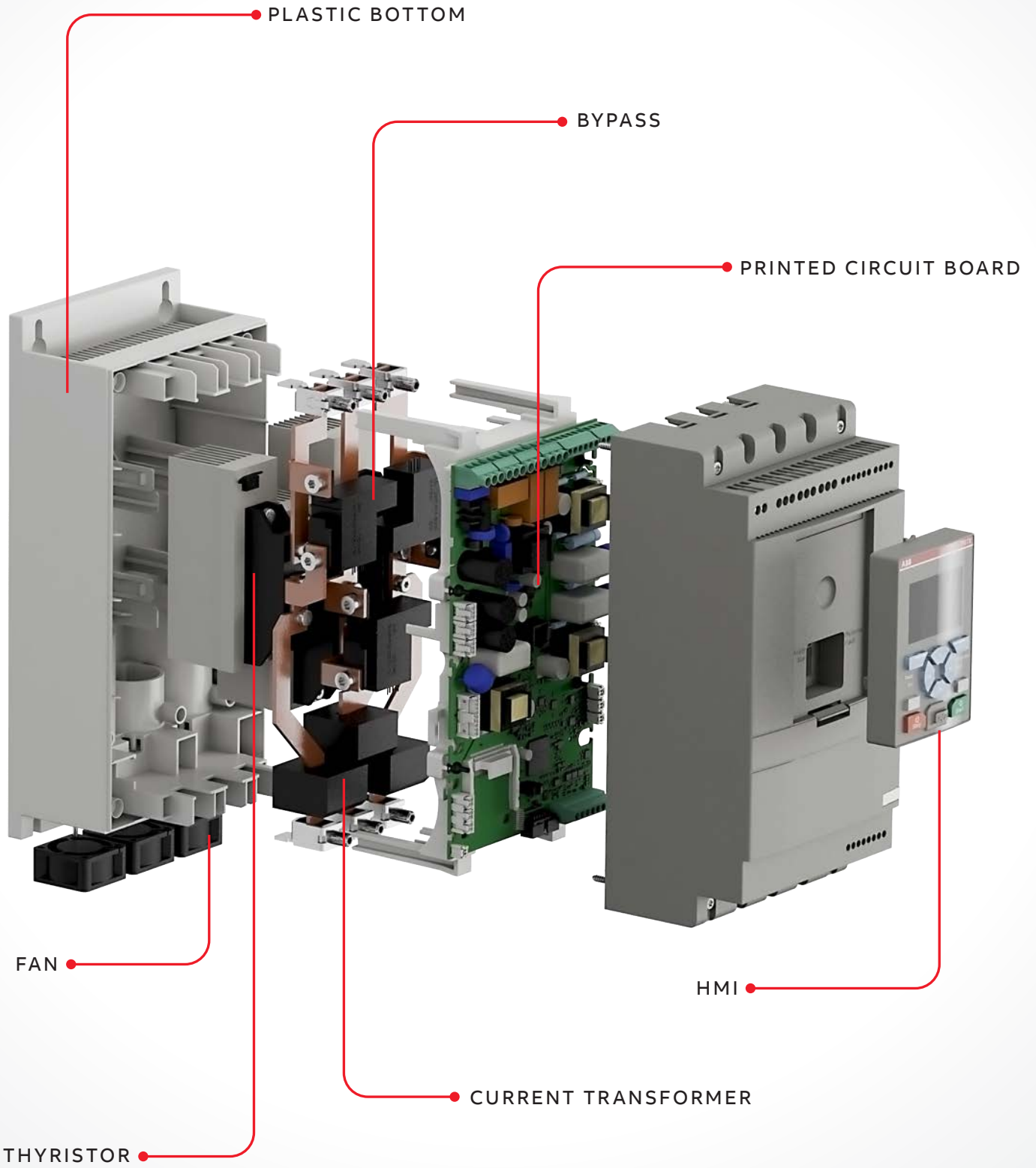


Legend of the column titles	
Description	A short description of the spare part
For softstarter type	The softstarter type the spare part is intended to
Type	The type code of the part
Order code	The global catalog number
Pcs/unit	The amount that is required for one softstarters
Pkg qty	The amount that is delivered per type code
Kg	The total weight of the package
Price	Enter your local price
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 2: 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 3: 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 softstarter



PSTX softstarter

Spare parts

HMI



PSDKP-1

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
HMI module ¹⁾	PSTX30 ... PSTX1250	PSDKP-1	1SFA899319R1001	1	1	0.33	
HMI spare part kit ²⁾	PSTX30 ... PSTX1250	PSACC-1	1SFA899320R1001	1	1	0.14	

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

USB cable for PSTX-PC connection



PSCA-1

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Cable	PSTX30 ... PSTX1250	PSCA-1	1SFA899314R1001	1	1	0.05	

Printed circuit board



PSCB

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Control board 1	PSTX30...PSTX170	PSPCB-CB-1	1SFA899301R1007	1	1	0.65	
Control board 2	PSTX210...PSTX370	PSPCB-CB-2	1SFA899301R1008	1	1	0.66	
Control board 3	PSTX470...PSTX1250	PSPCB-CB-3	1SFA899301R1009	1	1	0.67	

Cooling fan



PSFA

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Cooling fan	PSTX30...PSTX105	PSFA-40	1SFA899215R1040	3	1	0.03	
Cooling fan	PSTX142...PSTX170	PSFA-60	1SFA899215R1060	3	1	0.06	
Cooling fan	PSTX210...PSTX370	PSFA-80	1SFA899215R1080	3	1	0.07	
Cooling fan	PSTX470...PSTX1250	PSFA-80-1	1SFA899315R1080	4	1	0.09	

Pcs/unit: The amount that is required for one softstarter
Pkg qty: The amount that is delivered per type code

PSTX softstarter

Spare parts

Side plate



PSSP-1

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Side plate	PSTX470...PSTX570	PSSP-1	1SFA899304R1001	2	1	0.64	
Side plate	PSTX720...PSTX840	PSSP-2	1SFA899304R1002	2	1	1.17	
Side plate	PSTX1050...PSTX1250	PSSP-3	1SFA899304R1003	2	1	1.17	

End plate (Top plate)



PSEP-1

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
End plate	PSTX470...PSTX570	PSEP-1	1SFA899305R1001	1	1	0.17	
End plate	PSTX720...PSTX840	PSEP-2	1SFA899305R1002	1	1	0.32	
End plate	PSTX1050...PSTX1250	PSEP-3	1SFA899305R1003	1	1	0.36	

Fan plate



PSFP-1

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Fan plate	PSTX470...PSTX570	PSFP-1	1SFA899306R1001	1	1	0.15	
Fan plate	PSTX720...PSTX840	PSFP-2	1SFA899306R1002	1	1	0.29	
Fan plate	PSTX1050...PSTX1250	PSFP-3	1SFA899306R1003	1	1	0.34	

Stays



PSSY-1

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Stay	PSTX470...PSTX840	PSSY-1	1SFA899307R1840	2	1	0.13	
Stay	PSTX1050...PSTX1250	PSSY-2	1SFA899307R2250	2	1	0.15	

Pcs/unit: The amount that is required for one softstarter
Pkg qty: The amount that is delivered per type code

PSTX softstarter

Spare parts

Plastic bottom



PSEB-1

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Plastic bottom	PSTX30...PSTX105	PSEB-1	1SFA899308R1001	1	1	1.27	
Plastic bottom	PSTX142...PSTX170	PSEB-2	1SFA899308R1002	1	1	1.90	
Plastic bottom	PSTX210...PSTX370	PSEB-3	1SFA899308R1003	1	1	3.67	

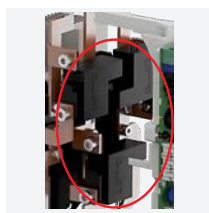
Bar holder



PSCBH-1

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Circuit board bar holder	PSTX30...PSTX105	PSCBH-1	1SFA899312R1001	1	1	0.45	
Circuit board bar holder	PSTX142...PSTX170	PSCBH-2	1SFA899312R1002	1	1	0.62	
Circuit board bar holder	PSTX210...PSTX370	PSCBH-3	1SFA899312R1003	1	1	0.74	
Circuit board bar holder	PSTX470...PSTX1250	PSCBH-4	1SFA899312R1004	1	1	0.57	
Bar Holder	PSTX470...PSTX570	PSBH-5	1SFA899313R1005	2	1	0.84	
Bar holder	PSTX720...PSTX1250	PSBH-6	1SFA899313R1006	2	1	0.82	

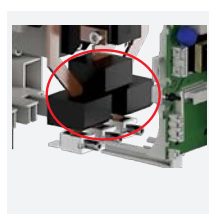
Bypass relay and contactor



PSBP-120

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Bypass relay and contactor	PSTX30...PSTX105	PSBP-120	1SFA899201R1120	3	1	0.17	
Bypass relay and contactor	PSTX142...PSTX170	PSBP-200	1SFA899201R1200	2	1	0.33	
Bypass relay and contactor	PSTX210...PSTX370	PSBP-205	1SFA899301R1250	1	1	1.57	
Bypass relay and contactor	PSTX470...PSTX570	PSBP-370	1SFA899301R1570	1	1	4.61	
Bypass relay and contactor	PSTX720...PSTX1050	PSBP-750	1SFA899301R1750	1	1	15.0	
Bypass relay and contactor	PSTX1250	PSBP-1250	1SFA899301R2250	1	1	15.0	

Current transformers



PSCT-105

Description	Ratio	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Current transformer	105/0.025	PSTX30...PSTX105	PSCT-105	1SFA899302R1105	3	1	0.12	
Current transformer	175/0.025	PSTX142...PSTX170	PSCT-175	1SFA899302R1175	3	1	0.16	
Current transformer	370/0.200	PSTX210...PSTX370	PSCT-370	1SFA899302R1370	3	1	0.25	
Current transformer	570/0.200	PSTX470...PSTX570	PSCT-570	1SFA899302R1570	3	1	0.42	
Current transformer	840/0.200	PSTX720...PSTX840	PSCT-840	1SFA899302R1840	3	1	0.45	
Current transformer	1250/0.200	PSTX1050...PSTX1250	PSCT-1250	1SFA899302R2250	3	1	0.73	

Pcs/unit: The amount that is required for one softstarter
Pkg qty: The amount that is delivered per type code

PSTX softstarter

Spare parts

Terminal kit



Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Terminal kit	PSTX142...PSTX170	PSLE-185	1SFA899221R1002	2	2	0.20	
Terminal kit	PSTX210...PSTX370	PSLE-300	1SFA899221R1003	2	2	0.20	
Terminal kit	PSTX470...PSTX570	PSLE-460	1SFA899221R1004	6	6	0.56	
Terminal kit	PSTX720...PSTX1250	PSLE-750	1SFA899221R1005	6	6	0.68	

PSLE-185

Cleaning kit



Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Sufficient for replacing 10 thyristor blocks ¹⁾	PSTX30 ... PSTX370	PSPB-1	1SFA899012R1001	1	1	0.05	
Sufficient for replacing 20 thyristor disc ²⁾	PSTX470 ... PSTX1250	PSPB-2	1SFA899012R1002	1	1	0.05	

¹⁾ The kit contains: Heat conducting paste tube ELFA NO 80-860-27 and instructions.

²⁾ The kit contains: 25 ml Silicon oil, 1 pc Abrasive cloth, 2 pc Lint free paper, instructions.

PSPB-1

PSTX softstarter

Spare parts

Thyristor (SCR)

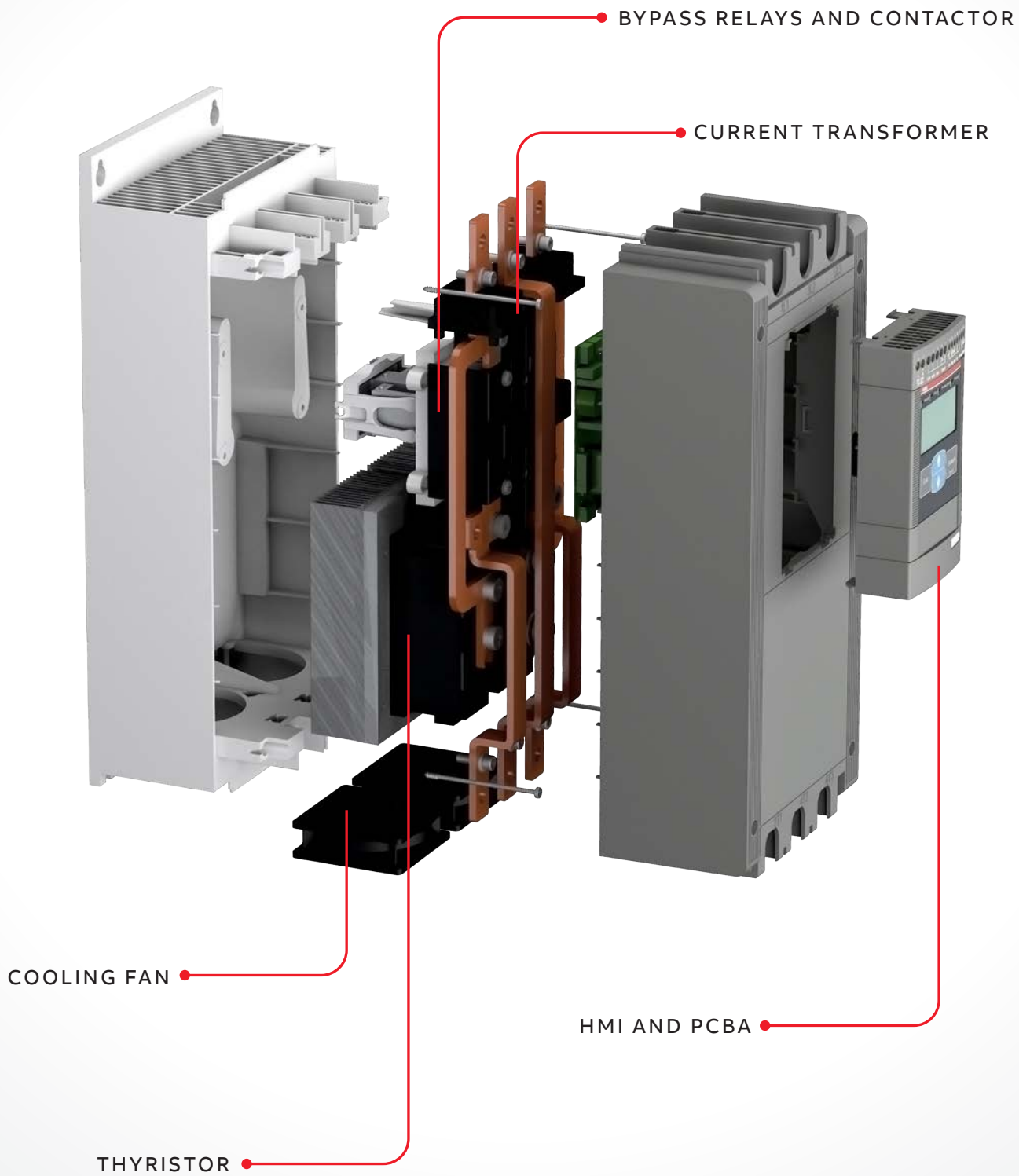


Thyristor

Description	Main voltage	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Thyristor (SCR)	<= 600 V	PSTX30	PSTHM-44/16	1SFA899210R1044	3	1	0.25	
Thyristor (SCR)	<= 600 V	PSTX37	PSTHM-56/16	1SFA899210R1056	3	1	0.25	
Thyristor (SCR)	<= 600 V	PSTX45	PSTHM-95/16	1SFA899210R1095	3	1	0.25	
Thyristor (SCR)	<= 600 V	PSTX60	PSTHM-95/16	1SFA899210R1095	3	1	0.25	
Thyristor (SCR)	<= 600 V	PSTX72	PSTHM-132/16	1SFA899210R1132	3	1	0.33	
Thyristor (SCR)	<= 600 V	PSTX85	PSTHM-132/16	1SFA899210R1132	3	1	0.33	
Thyristor (SCR)	<= 600 V	PSTX105	PSTHM-162/16	1SFA899210R1162	3	1	0.33	
Thyristor (SCR)	<= 600 V	PSTX142	PSTHM-200/16	1SFA899210R1200	3	1	0.33	
Thyristor (SCR)	<= 600 V	PSTX170	PSTHM-312/16	1SFA899210R1312	3	1	0.84	
Thyristor (SCR)	<= 600 V	PSTX210	PSTHM-312/16	1SFA899210R1312	3	1	0.84	
Thyristor (SCR)	<= 600 V	PSTX250	PSTHM-501/16	1SFA899210R1501	3	1	1.50	
Thyristor (SCR)	<= 600 V	PSTX300	PSTHM-501/16	1SFA899210R1501	3	1	1.50	
Thyristor (SCR)	<= 600 V	PSTX370	PSTHM-501/16	1SFA899210R1501	3	1	1.50	
Thyristor (SCR)	<= 600 V	PSTX470	PSTP-1880/16	1SFA899211R2880	6	2	0.51	
Thyristor (SCR)	<= 600 V	PSTX570	PSTP-2280/16	1SFA899211R3280	6	2	0.64	
Thyristor (SCR)	<= 600 V	PSTX720	PSTP-2880/16	1SFA899211R3880	6	2	0.65	
Thyristor (SCR)	<= 600 V	PSTX840	PSTP-3360/16	1SFA899211R4360	6	2	0.66	
Thyristor (SCR)	<= 600 V	PSTX1050	PSTP-4200/16	1SFA899211R5200	6	2	1.18	
Thyristor (SCR)	<= 600 V	PSTX1250	PSTP-5000/16	1SFA899211R6000	6	2	1.08	
Thyristor (SCR)	<= 690 V	PSTX30	PSTHM-44/18	1SFA899311R1044	3	1	0.25	
Thyristor (SCR)	<= 690 V	PSTX37	PSTHM-56/18	1SFA899311R1056	3	1	0.25	
Thyristor (SCR)	<= 690 V	PSTX45	PSTHM-95/18	1SFA899311R1095	3	1	0.25	
Thyristor (SCR)	<= 690 V	PSTX60	PSTHM-95/18	1SFA899311R1095	3	1	0.25	
Thyristor (SCR)	<= 690 V	PSTX72	PSTHM-132/18	1SFA899311R1132	3	1	0.33	
Thyristor (SCR)	<= 690 V	PSTX85	PSTHM-132/18	1SFA899311R1132	3	1	0.33	
Thyristor (SCR)	<= 690 V	PSTX105	PSTHM-162/18	1SFA899311R1162	3	1	0.33	
Thyristor (SCR)	<= 690 V	PSTX142	PSTHM-200/18	1SFA899311R1200	3	1	0.33	
Thyristor (SCR)	<= 690 V	PSTX170	PSTHM-312/18	1SFA899311R1312	3	1	0.84	
Thyristor (SCR)	<= 690 V	PSTX210	PSTHM-312/18	1SFA899311R1312	3	1	0.84	
Thyristor (SCR)	<= 690 V	PSTX250	PSTHM-501/18	1SFA899311R1501	3	1	1.50	
Thyristor (SCR)	<= 690 V	PSTX300	PSTHM-501/18	1SFA899311R1501	3	1	1.50	
Thyristor (SCR)	<= 690 V	PSTX370	PSTHM-501/18	1SFA899311R1501	3	1	1.50	
Thyristor (SCR)	<= 690 V	PSTX470	PSTP-1880/18	1SFA899311R2880	6	2	0.46	
Thyristor (SCR)	<= 690 V	PSTX570	PSTP-2280/18	1SFA899311R3280	6	2	0.64	
Thyristor (SCR)	<= 690 V	PSTX720	PSTP-2880/18	1SFA899311R3880	6	2	0.65	
Thyristor (SCR)	<= 690 V	PSTX840	PSTP-3360/18	1SFA899311R4360	6	2	0.66	
Thyristor (SCR)	<= 690 V	PSTX1050	PSTP-4200/18	1SFA899311R5200	6	2	1.18	
Thyristor (SCR)	<= 690 V	PSTX1250	PSTP-5000/18	1SFA899311R6000	6	2	1.08	

Pcs/unit: The amount that is required for one softstarter
Pkg qty: The amount that is delivered per type code

PSE softstarter



PSE softstarter

Spare parts

HMI and PCBA



PSEHMI-1

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
HMI and PCBA	PSE18 ... PSE105	PSEHMI-1	1SFA899219R7001	1	1	0.56	
HMI and PCBA	PSE142 ... PSE170	PSEHMI-2	1SFA899219R7002	1	1	0.56	
HMI and PCBA	PSE210 ... PSE370 ¹⁾	PSEHMI-3	1SFA899219R7003	1	1	0.56	
HMI and PCBA	PSE210... PSE370 ²⁾	PSEHMI-4	1SFA899219R7004	1	1	0.56	

¹⁾ For PSE frame C Gen1 with article number: 1SFA89711XR7000

²⁾ For PSE frame C Gen2 with article number: 1SFA89711XR7001

Cooling fan



PSFA-40

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Cooling fan	PSE18 ... PSE105	PSFA-40	1SFA899215R1040	2	1	0.03	
Cooling fan	PSE142 ... PSE170	PSFA-60	1SFA899215R1060	2	1	0.06	
Cooling fan	PSE210 ... PSE370	PSFA-80	1SFA899215R1080	2	1	0.07	

Bypass relays and contactors



PSBP-120

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Bypass relays and contactors	PSE18 ... PSE105	PSBP-120	1SFA899201R1120	2	1	0.09	
Bypass relays and contactors	PSE142 ... PSE170	PSBP-200	1SFA899201R1200	1	1	0.33	
Bypass relays and contactors	PSE210 ... PSE370 ¹⁾	AF110-30-00	1SFL457001R7000	2	1	2.10	
Bypass relays and contactors	PSE210 ... PSE370 ²⁾	PSBP-205-1	1SFA899301R1260	1	1	1.39	

¹⁾ For PSE frame C Gen1 with article number: 1SFA89711XR7000

²⁾ For PSE frame C Gen2 with article number: 1SFA89711XR7001

Accessories



PS-MBIA

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
USB-cable for PSE-PC connection	PSE18 ... PSE370	PSECA	1SFA897201R1001	1	1	0.13	
Terminal Extensions retrofit kit	PSE142 ... PSE170	LXR370	1SFA899222R1003	1	1	0.45	
Modbus adaptor	PSE210 ... PSE370	PS-MBIA	1SFA899300R1020	1	1	0.01	

Pcs/unit: The amount that is required for one softstarter
Pkg qty: The amount that is delivered per type code

PSE softstarter

Spare parts

Thyristor (SCR)



Thyristor

Description	Main voltage	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Thyristor (SCR)	<= 600 V	PSE18	PSTHM-26/16	1SFA899210R1026	2	1	0.09	
Thyristor (SCR)	<= 600 V	PSE25	PSTHM-26/16	1SFA899210R1026	2	1	0.09	
Thyristor (SCR)	<= 600 V	PSE30	PSTHM-44/16	1SFA899210R1044	2	1	0.09	
Thyristor (SCR)	<= 600 V	PSE37	PSTHM-44/16	1SFA899210R1044	2	1	0.09	
Thyristor (SCR)	<= 600 V	PSE45	PSTHM-56/16	1SFA899210R1056	2	1	0.09	
Thyristor (SCR)	<= 600 V	PSE60	PSTHM-95/16	1SFA899210R1095	2	1	0.09	
Thyristor (SCR)	<= 600 V	PSE72	PSTHM-95/16	1SFA899210R1095	2	1	0.09	
Thyristor (SCR)	<= 600 V	PSE85	PSTHM-132/16	1SFA899210R1132	2	1	0.13	
Thyristor (SCR)	<= 600 V	PSE105	PSTHM-162/16	1SFA899210R1162	2	1	0.13	
Thyristor (SCR)	<= 600 V	PSE142	PSTHM-162/16	1SFA899210R1162	2	1	0.13	
Thyristor (SCR)	<= 600 V	PSE170	PSTHM-200/16	1SFA899210R1200	2	1	0.13	
Thyristor (SCR)	<= 600 V	PSE210	PSTHM-312/16	1SFA899210R1312	2	1	0.75	
Thyristor (SCR)	<= 600 V	PSE250	PSTHM-501/16	1SFA899210R1501	2	1	1.50	
Thyristor (SCR)	<= 600 V	PSE300	PSTHM-501/16	1SFA899210R1501	2	1	1.50	
Thyristor (SCR)	<= 600 V	PSE370	PSTHM-501/16	1SFA899210R1501	2	1	1.50	

Terminal kit



PSLE-185

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Terminal kit	PSE18...PSE105	LD146-30	1SFN074208R1000	2	2	0.20	
Terminal kit	PSE142...PSE170	PSLE-185	1SFA899221R1002	2	2	0.20	
Terminal kit	PSE210...PSE370	PSLE-300	1SFA899221R1003	2	2	0.20	

Cleaning kit



PSPB-1

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Sufficient for replacing 10 thyristor blocks ¹⁾	PSE18 ... PSE370	PSPB-1	1SFA899012R1001	1	1	0.05	

¹⁾ The kit contains: Heat conducting paste tube ELFA NO 80-860-27 and instructions.

PST(B) softstarter



PST(B) softstarter

Spare parts

Cover including display, keyboard and label (without printed circuit board)



PSTC-1

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Cover	PST30 ... PST300,PSTB370 ... PSTB1050	PSTC-1 ¹⁾	1SFA899040R1001	1	1	0.14	

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

Display



PSDP-1

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Display	PST30 ... PST300,PSTB370 ... PSTB1050	PSDP-1	1SFA899017R1000	1	1	0.04	

External Keypad



PSTEK

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Keypad	PST30 ... PST300, PSTB370 ... PSTB1050	PSPK-1	1SFA899018R1000	1	1	0.01	
Keypad	PST30 ...300, PSTB370...1050	PSTEK	1SFA899003R1000	1	1	0.60	

Bypass contactors



AF580

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Contactora AF460-30-00, 100-250V	PSTB570	-	1SFL597001R9107	1	1	12.0	
Contactora AF580-30-00, 100-250V	PSTB720	-	1SFL617001R9106	1	1	15.0	
Contactora AF750-30-00, 100-250V	PSTB840... PSTB1050	-	1SFL637001R9106	1	1	15.0	

Pcs/unit: The amount that is required for one softstarter
Pkg qty: The amount that is delivered per type code

PST(B) softstarter

Spare parts

Printed circuit board¹⁾



PSPCB-LV/T-T

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
High voltage board	PST30... PST300, PSTB370 ... PSTB1050	PSPCB-690/T	1SFA899020R7690	1	1	0.19	
High voltage board - coated	PST30-T ... PST300-T, PSTB370-T ... PSTB1050-T	PSPCB-690/T-T	1SFA899020R7691	1	1	0.19	

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.

Cooling fan



PSFA-024

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Cooling fan	PST30 ... PST72	PSFA-024	1SFA899015R7024	2	1	0.02	
Cooling fan	PST85 ... PST142	PSFA-224	1SFA899015R7224	2	1	0.02	
Cooling fan	PST175 ... PST300	PSFA-224	1SFA899015R7224	4	1	0.02	
Cooling fan	PSTB370... PSTB1050	PSFA-224	1SFA899015R7224	3	1	0.02	

Upper barholders



PSTBH

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Terminal included	PST85 ... PST142	PSTBH-1	1SFA899031R1001	1	1	0.70	
Terminal included	PST175 ... PST300	PSTBH-2	1SFA899031R1002	1	1	1.13	
No terminals included	PSTB370... PSTB470	PSTBH-3	1SFA899031R1003	1	1	1.00	
No terminals included	PSTB570 ... PSTB1050	PSTBH-4	1SFA899031R1004	1	1	1.20	

Lower barholders



PSBH

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Terminal included	PST85 ... PST142	PSBH-1	1SFA899030R1001	1	1	0.50	
Terminal included	PST175 ... PST300	PSBH-2	1SFA899030R1002	1	1	0.70	
No terminals included	PSTB370... PSTB470	PSTBH-3	1SFA899031R1003	1	1	1.00	
No terminals included	PSTB570 ... PSTB1050	PSTBH-4	1SFA899031R1004	1	1	1.20	

PST(B) softstarter

Spare parts

Stays



PSTLS-1

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Stays	PSTB370... PSTB470	PSTLS-1	1SFA899032R1001	1	1	0.20	
Stays	PSTB370... PSTB470	PSTRS-1	1SFA899032R1002	1	1	0.20	
Stays	PSTB370... PSTB470	PSTMS-1	1SFA899032R1003	1	1	0.20	
Stays	PSTB570 ... PSTB1050	PSTLS-2	1SFA899032R1004	1	1	0.30	
Stays	PSTB570 ... PSTB1050	PSTRS-2	1SFA899032R1005	1	1	0.30	
Stays	PSTB570 ... PSTB1050	PSTMS-2	1SFA899032R1006	1	1	0.30	

Current transformers



PSCT

Description	Ratio	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Current transformer	30/1	PST30	PSCT-30	1SFA899001R1030	3	1	0.20	
Current transformer	40/1	PST37	PSCT-40	1SFA899001R1040	3	1	0.20	
Current transformer	50/1	PST44	PSCT-50	1SFA899001R1050	3	1	0.20	
Current transformer	50/1	PST50	PSCT-50	1SFA899001R1050	3	1	0.20	
Current transformer	60/1	PST60	PSCT-60	1SFA899001R1060	3	1	0.20	
Current transformer	75/1	PST72	PSCT-75	1SFA899001R1075	3	1	0.20	
Current transformer	100/1	PST85	PSCT-100	1SFA899001R1100	3	1	0.15	
Current transformer	125/1	PST105	PSCT-125	1SFA899001R1125	3	1	0.15	
Current transformer	150/1	PST142	PSCT-150	1SFA899001R1150	3	1	0.15	
Current transformer	200/1	PST175	PSCT-200	1SFA899001R1200	3	1	0.25	
Current transformer	250/1	PST210	PSCT-250	1SFA899001R1250	3	1	0.25	
Current transformer	250/1	PST250	PSCT-250	1SFA899001R1250	3	1	0.25	
Current transformer	300/1	PST300	PSCT-300	1SFA899001R1300	3	1	0.30	
Current transformer	400/1	PSTB370	PSCT-400	1SFA899001R1400	3	1	0.20	
Current transformer	500/1	PSTB470	PSCT-500	1SFA899001R1500	3	1	0.30	
Current transformer	600/1	PSTB570	PSCT-600	1SFA899001R1600	3	1	0.30	
Current transformer	750/1	PSTB720	PSCT-750	1SFA899001R1750	3	1	0.30	
Current transformer	1000/1	PSTB840	PSCT-1000	1SFA899001R2000	3	1	0.30	
Current transformer	1200/1	PSTB1050	PSCT-1200	1SFA899001R2200	3	1	0.30	

Terminal kit



PSLE-185

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Terminal kit	PST85 ... PST142 ¹⁾	PSLE-185	1SFA899221R1002	2	2	0.20	
Terminal kit	PST175 ... PST300	PSLE-300	1SFA899221R1003	4	2	0.20	
Terminal kit	PSTB370 ... PSTB470	PSLE-460	1SFA899221R1004	6	6	0.56	
Terminal kit	PSTB570 ... PSTB1050	PSLE-750	1SFA899221R1005	6	6	0.68	

¹⁾ Only fits motor side.

Pcs/unit: The amount that is required for one softstarter
Pkg qty: The amount that is delivered per type code

PST(B) softstarter

Spare parts

Cleaning kit



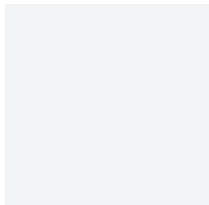
PSPB-1

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Sufficient for replacing 10 thyristor blocks ¹⁾	PST30...300	PSPB-1	1SFA899012R1001	1	1	0.05	
Sufficient for replacing 20 thyristor disc ²⁾	PSTB370...1050	PSPB-2	1SFA899012R1002	1	1	0.05	

¹⁾ The kit contains: Heat conducting paste tube ELFA NO 80-860-27 and instructions.

²⁾ The kit contains: 25 ml Silicon oil, 1 pc Abrasive cloth, 2 pc Lint free paper, instructions.

SCR clamp upgrade kit



PSTPK

Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Main voltage <= 600 V	PSTB570 ¹⁾	PSTPK-540/16	1SFA899108R1540	6	6	3.35	
Main voltage <= 690 V	PSTB570 ²⁾	PSTPK-540/18	1SFA899109R1540	6	6	3.34	

¹⁾ Shall be used for PSTB570-600 manufactured before Serial number: 1S160100115411189. Include 6 SCR, 1 Clamp, 1 instruction, it is important to replace all component's.

²⁾ Shall be used for PSTB570-690 manufactured before Serial number: 1S160100115211256. Include 6 SCR, 1 Clamp, 1 instruction, it is important to replace all component's.

PST(B) softstarter

Spare parts

Thyristor (SCR)



Thyristor

Description	Main voltage	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Thyristor (SCR)	<= 600 V	PST30	PSTM-42/16	1SFA899010R1042	3	1	0.10	
Thyristor (SCR)	<= 600 V	PST37	PSTM-57/16	1SFA899010R1057	3	1	0.10	
Thyristor (SCR)	<= 600 V	PST44	PSTM-92/16	1SFA899010R1092	3	1	0.10	
Thyristor (SCR)	<= 600 V	PST50	PSTM-92/16	1SFA899010R1092	3	1	0.10	
Thyristor (SCR)	<= 600 V	PST60	PSTM-132/16	1SFA899010R1132	3	1	0.25	
Thyristor (SCR)	<= 600 V	PST72	PSTM-172/16	1SFA899010R1172	3	1	0.25	
Thyristor (SCR)	<= 600 V	PST85	PSTM-172/16	1SFA899010R1172	3	1	0.25	
Thyristor (SCR)	<= 600 V	PST105	PSTM-210/16	1SFA899010R1210	3	1	0.94	
Thyristor (SCR)	<= 600 V	PST142	PSTM-250/16	1SFA899011R1250	3	1	0.94	
Thyristor (SCR)	<= 600 V	PST175	PSTM-250/16	1SFA899011R1250	3	1	0.94	
Thyristor (SCR)	<= 600 V	PST210	PSTM-330/16	1SFA899010R1330	3	1	0.75	
Thyristor (SCR)	<= 600 V	PST250	PSTM-500/16	1SFA899010R1500	3	1	1.42	
Thyristor (SCR)	<= 600 V	PST300	PSTM-500/16	1SFA899010R1500	3	1	1.42	
Thyristor (SCR)	<= 600 V	PSTB370	PSTP-280/16	1SFA899008R1280	6	1	0.09	
Thyristor (SCR)	<= 600 V	PSTB470	PSTP-960/18	1SFA899008R1960	6	1	0.34	
Thyristor (SCR)	<= 600 V	PSTB570 ¹⁾	PSTP-540/16	1SFA899008R1540	6	1	0.51	
Thyristor (SCR)	<= 600 V	PSTB720	PSTP-540/16	1SFA899008R1540	6	1	0.51	
Thyristor (SCR)	<= 600 V	PSTB840	PSTP-600/16	1SFA899008R1600	6	1	0.51	
Thyristor (SCR)	<= 600 V	PSTB1050	PSTP-990/16	1SFA899008R1990	6	1	1.00	
Thyristor (SCR)	<= 690 V	PST30	PSTM-42/18	1SFA899011R1042	3	1	0.10	
Thyristor (SCR)	<= 690 V	PST37	PSTM-57/18	1SFA899011R1057	3	1	0.10	
Thyristor (SCR)	<= 690 V	PST44	PSTM-92/18	1SFA899011R1092	3	1	0.10	
Thyristor (SCR)	<= 690 V	PST50	PSTM-92/18	1SFA899011R1092	3	1	0.10	
Thyristor (SCR)	<= 690 V	PST60	PSTM-132/18	1SFA899011R1132	3	1	0.25	
Thyristor (SCR)	<= 690 V	PST72	PSTM-172/18	1SFA899011R1172	3	1	0.25	
Thyristor (SCR)	<= 690 V	PST85	PSTM-172/18	1SFA899011R1172	3	1	0.25	
Thyristor (SCR)	<= 690 V	PST105	PSTM-210/18	1SFA899011R1210	3	1	0.94	
Thyristor (SCR)	<= 690 V	PST142	PSTM-250/18	1SFA899011R1250	3	1	0.94	
Thyristor (SCR)	<= 690 V	PST175	PSTM-250/18	1SFA899011R1250	3	1	0.94	
Thyristor (SCR)	<= 690 V	PST210	PSTM-330/18	1SFA899011R1330	3	1	0.75	
Thyristor (SCR)	<= 690 V	PST250	PSTM-500/18	1SFA899011R1500	3	1	1.42	
Thyristor (SCR)	<= 690 V	PST300	PSTM-500/18	1SFA899011R1500	3	1	1.42	
Thyristor (SCR)	<= 690 V	PSTB370	PSTP-280/18	1SFA899009R1280	6	1	0.09	
Thyristor (SCR)	<= 690 V	PSTB470	PSTP-960/18	1SFA899008R1960	6	1	0.34	
Thyristor (SCR)	<= 690 V	PSTB570 ²⁾	PSTP-540/18	1SFA899009R1540	6	1	0.51	
Thyristor (SCR)	<= 690 V	PSTB720	PSTP-540/18	1SFA899009R1540	6	1	0.51	
Thyristor (SCR)	<= 690 V	PSTB840	PSTP-760/18	1SFA899009R1760	6	1	1.00	
Thyristor (SCR)	<= 690 V	PSTB1050	PSTP-1400/18	1SFA899009R2400	6	1	1.70	

¹⁾ For PSTB570 older than serial number 1S160100115411189 you must to use SCR clamp upgrade kit.

²⁾ For PSTB570 older than serial number 1S160100115211256 you must to use SCR clamp upgrade kit.

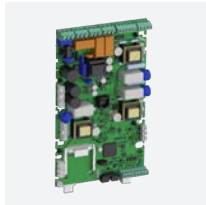
PSS softstarter



PSS softstarter

Spare parts

Printed circuit board



Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Main PCB230 ... 500 V	PSS18 ... PSS300 ¹⁾	PSPCB-500/S	1SFA899020R1500	1	1	0.37	
Main PCB230 ... 500 V	PSS18...PSS300-C ²⁾	PSPCB-500C/S	1SFA899020R2500	1	1	0.37	
Main PCB380 ... 690 V	PSS18 ... PSS300 ¹⁾	PSPCB-690/S	1SFA899020R1690	1	1	0.47	
Main PCB380 ... 690 V	PSS18...PSS300-C ²⁾	PSPCB-690C/S	1SFA899020R2690	1	1	0.47	

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

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

PSPCB

Cooling fan



Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Cooling fan 500 V	PSS18 ... PSS44	PSFA-12	1SFA899015R1012	1	1	0.02	
Cooling fan 500 V	PSS50 ... PSS72	PSFA-12	1SFA899015R1012	2	1	0.02	
Cooling fan 690 V	PSS18 ... PSS44	PSFA-12	1SFA899015R1012	2	1	0.02	
Cooling fan 500/690 V	PSS85 ... PSS142	PSFA-115	1SFA899015R1115	2	1	0.25	
Cooling fan 500/690 V	PSS175 ... PSS300	PSFA-115	1SFA899015R1115	4	1	0.25	

PSFA-024

Upper and lower barholders



Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Barholder	PSS85 ... PSS142	PSBH-1	1SFA899030R1001	1	1	0.50	
Barholder	PSS175 ... PSS300	PSBH-2	1SFA899030R1002	1	1	0.70	

PSBH

Terminal kit



Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Terminal kit	PSS85/147 ... PSS 142/245	PSLE-185	1SFA899221R1002	2	2	0.20	
Terminal kit	PSS175/300 ... PSS300/515	PSLE-300	1SFA899221R1003	2	2	0.20	

PSLE

Cleaning kit for changing SCR



Description	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Sufficient for replacing 10 thyristor blocks ¹⁾	PSS18 ... PSS300	PSPB-1	1SFA899012R1001	1	1	0.05	

¹⁾The kit contains: Heat conducting paste tube ELFA NO 80-860-27 and instructions.

PSPB-1

Pcs/unit: The amount that is required for one softstarter
Pkg qty: The amount that is delivered per type code

PSS softstarter

Spare parts

Current transformers



PSCT

Description	Ratio	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Current transformer	30/1	PSS18	PSCT-30	1SFA899001R1030	3	1	0.20	
Current transformer	40/1	PSS30	PSCT-40	1SFA899001R1040	3	1	0.20	
Current transformer	50/1	PSS37	PSCT-50	1SFA899001R1050	3	1	0.20	
Current transformer	60/1	PSS44	PSCT-60	1SFA899001R1060	3	1	0.20	
Current transformer	75/1	PSS50	PSCT-75	1SFA899001R1075	3	1	0.20	
Current transformer	75/1	PSS60	PSCT-75	1SFA899001R1075	3	1	0.20	
Current transformer	100/1	PSS72	PSCT-100	1SFA899001R1100	3	1	0.15	
Current transformer	125/1	PSS85	PSCT-125	1SFA899001R1125	3	1	0.15	
Current transformer	150/1	PSS105	PSCT-150	1SFA899001R1150	3	1	0.15	
Current transformer	200/1	PSS142	PSCT-200	1SFA899001R1200	3	1	0.25	
Current transformer	250/1	PSS175	PSCT-250	1SFA899001R1250	3	1	0.25	
Current transformer	400/1	PSS250	PSCT-400	1SFA899001R1400	3	1	0.20	
Current transformer	400/1	PSS300	PSCT-400	1SFA899001R1400	3	1	0.20	

Thyristor (SCR)



Thyristor

Description	Main voltage	For softstarter type	Type	Order code	Pcs/unit	Pkg qty	kg	Price
Thyristor (SCR)	<= 600 V	PSS18	PSTM-27/16	1SFA899010R1027	3	1	0.10	
Thyristor (SCR)	<= 600 V	PSS30	PSTM-42/16	1SFA899010R1042	3	1	0.10	
Thyristor (SCR)	<= 600 V	PSS37	PSTM-57/16	1SFA899010R1057	3	1	0.10	
Thyristor (SCR)	<= 600 V	PSS44	PSTM-92/16	1SFA899010R1092	3	1	0.10	
Thyristor (SCR)	<= 600 V	PSS50	PSTM-92/16	1SFA899010R1092	3	1	0.10	
Thyristor (SCR)	<= 600 V	PSS60	PSTM-132/16	1SFA899010R1132	3	1	0.25	
Thyristor (SCR)	<= 600 V	PSS72	PSTM-172/16	1SFA899010R1172	3	1	0.25	
Thyristor (SCR)	<= 600 V	PSS85	PSTM-172/16	1SFA899010R1172	3	1	0.25	
Thyristor (SCR)	<= 600 V	PSS105	PSTM-210/16	1SFA899010R1210	3	1	0.94	
Thyristor (SCR)	<= 600 V	PSS142	PSTM-250/16	1SFA899011R1250	3	1	0.94	
Thyristor (SCR)	<= 600 V	PSS175	PSTM-250/16	1SFA899011R1250	3	1	0.94	
Thyristor (SCR)	<= 600 V	PSS250	PSTM-500/16	1SFA899010R1500	3	1	1.42	
Thyristor (SCR)	<= 600 V	PSS300	PSTM-500/16	1SFA899010R1500	3	1	1.42	
Thyristor (SCR)	<= 690 V	PSS18	PSTM-27/18	1SFA899011R1027	3	1	0.10	
Thyristor (SCR)	<= 690 V	PSS30	PSTM-42/18	1SFA899011R1042	3	1	0.10	
Thyristor (SCR)	<= 690 V	PSS37	PSTM-57/18	1SFA899011R1057	3	1	0.10	
Thyristor (SCR)	<= 690 V	PSS44	PSTM-92/18	1SFA899011R1092	3	1	0.10	
Thyristor (SCR)	<= 690 V	PSS50	PSTM-92/18	1SFA899011R1092	3	1	0.10	
Thyristor (SCR)	<= 690 V	PSS60	PSTM-132/18	1SFA899011R1132	3	1	0.25	
Thyristor (SCR)	<= 690 V	PSS72	PSTM-172/18	1SFA899011R1172	3	1	0.25	
Thyristor (SCR)	<= 690 V	PSS85	PSTM-172/18	1SFA899011R1172	3	1	0.25	
Thyristor (SCR)	<= 690 V	PSS105	PSTM-210/18	1SFA899011R1210	3	1	0.94	
Thyristor (SCR)	<= 690 V	PSS142	PSTM-250/18	1SFA899011R1250	3	1	0.94	
Thyristor (SCR)	<= 690 V	PSS175	PSTM-250/18	1SFA899011R1250	3	1	0.94	
Thyristor (SCR)	<= 690 V	PSS250	PSTM-500/18	1SFA899011R1500	3	1	1.42	
Thyristor (SCR)	<= 690 V	PSS300	PSTM-500/18	1SFA899011R1500	3	1	1.42	

Pcs/unit: The amount that is required for one softstarter
Pkg qty: The amount that is delivered per type code

Extended warranty

For ABB Low Voltage products



—
Scan the QR code for more information or visit: <https://to.abb/HT70ludG>

Extended warranty

Warranty for ABB Low Voltage control products, extending the standard factory warranty up to 3 years has never been this simple.

Request extended warranty activation after the online registration in the "Extended warranty tool."

This web tool verifies that the device's application is within the recommended guidelines and grants the product registration.

The customer can request the extended warranty during the standard warranty period of already purchased products.

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The warranty covers any possible issues related to the product quality.

The extended warranty can be ordered by the following steps:

- 1 | Go to the Extended warranty tool
- 2 | Enter the product serial number in the "extended warranty tool" within the standard warranty period

—
01 AF Contactors > 100 A



—
02 UMC 100.3



—
03 Softstarters



—
04 CP-C.1 Power supplies



Extended warranty timeline



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For more information, please contact
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[solutions.abb/softstarters](https://solutions.abb.com/softstarters)

For more information about service visit:
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