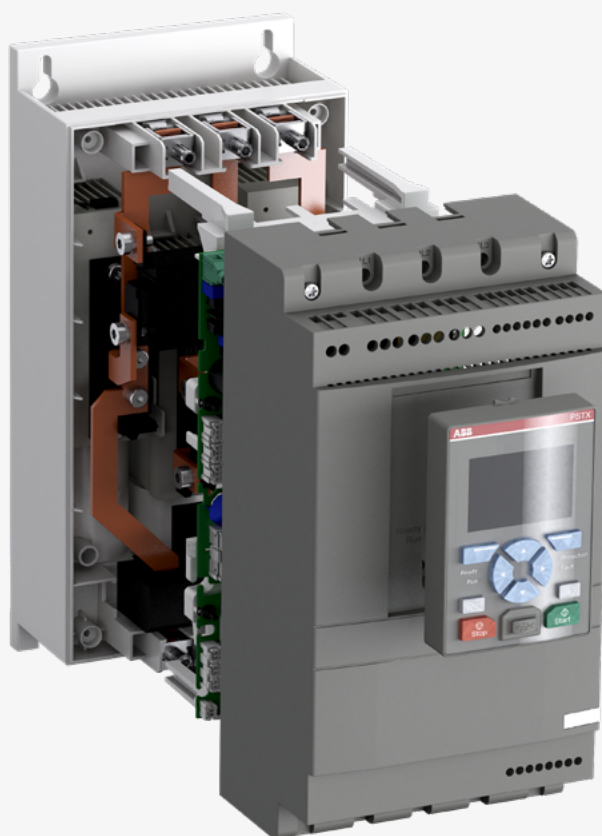


CATALOG

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.

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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.

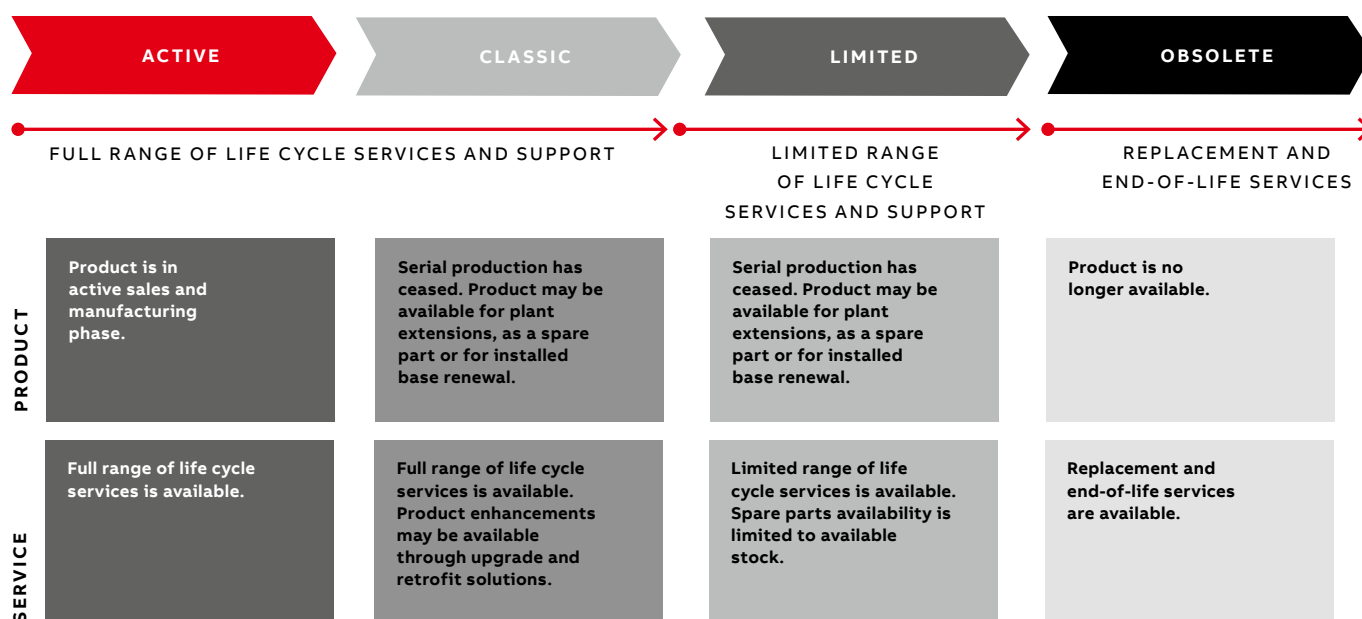
With everything that you need in one unit, from bypass contactor to overload protection, a single softstarter makes for a compact and complete starting solution. Furthermore, with many application specific features, ABB's softstarters can ultimately help you increase productivity. Torque control, pump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



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

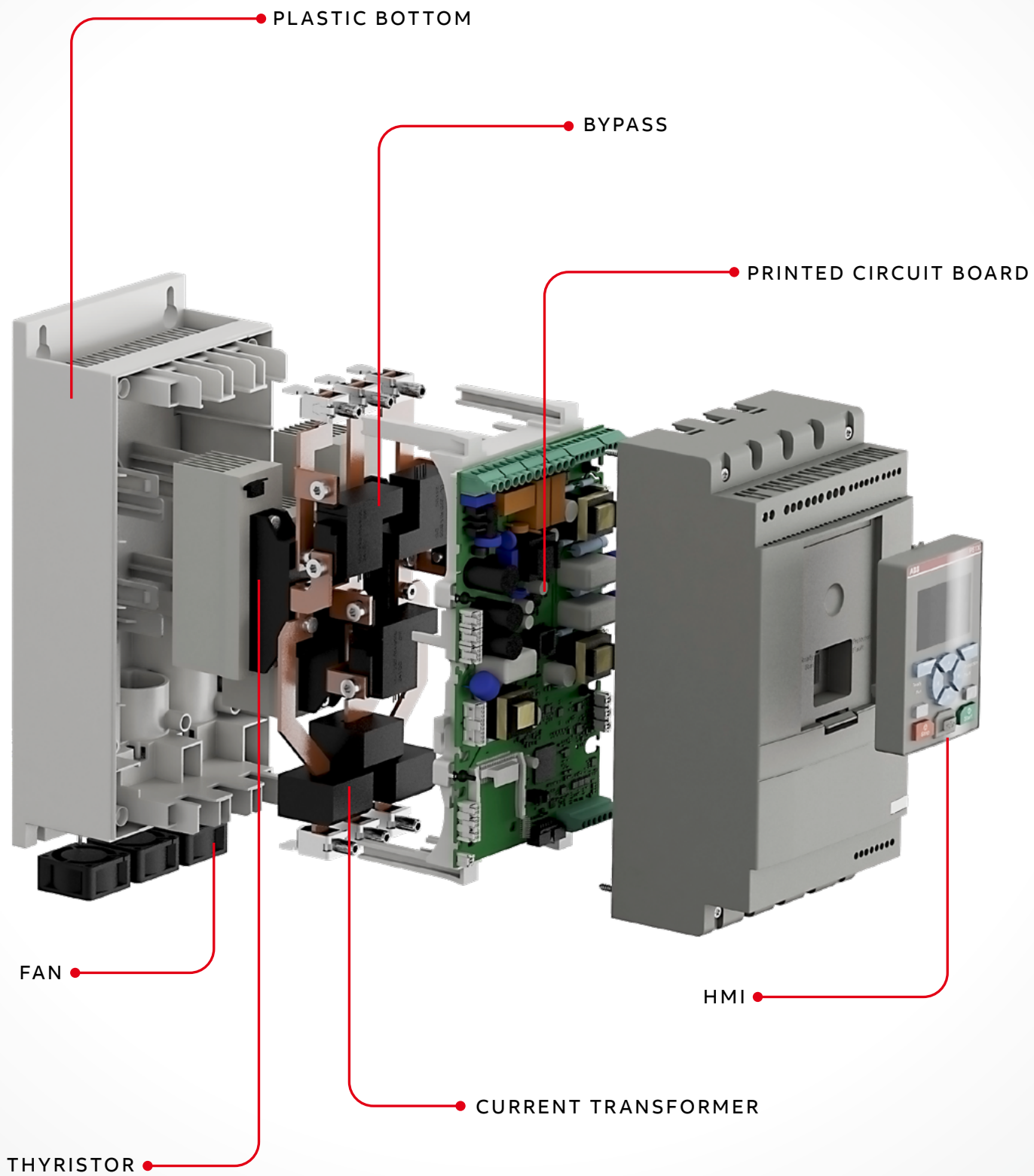


Legend of the column titles	
Description	A short description of the spare part
For softstarter type	The softstarter type the spare part is intended to
Type	The type code of the part
Order code	The global catalog number
Pcs/unit	The amount that is required for one softstarters
Pkg qty	The amount that 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



PSPCB

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	

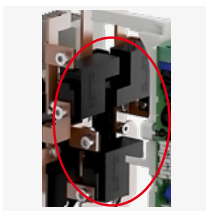
Bar holder



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

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

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

Extended warranty

For ABB Low Voltage products



—
Scan the QR code
for more information
or visit: [https://
to.abb/HT70ludG](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

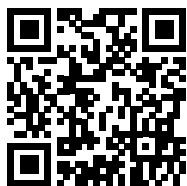


Extended warranty timeline



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For more information, please contact
your local ABB representative or visit:
[solutions.abb/softstarters](https://solutions.abb.com/softstarters)

For more information about service visit:
<https://new.abb.com/low-voltage/service/service-for-low-voltage-products>



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