

# Ordering details

## Normal duty starts, class 10

**Typical applications**

- Centrifugal pump
- Conveyor belt (short)
- Centrifugal blower
- Belt press



For a more precise selection, use the online softstarter selection tool available by scanning the shown QR code or using the selection tool available on: [new.abb.com/low-voltage/products/Softstarters](http://new.abb.com/low-voltage/products/Softstarters)



PSTX30... PSTX105   PSTX142... PSTX170   PSTX210... PSTX370   PSTX470... PSTX570   PSTX720... PSTX840   PSTX1050... PSTX1250

UL/CSA					Type	Weight	
Rated operational power 200/208V		440/480V	550/600V	Current		pkg/1pce	
P <sub>e</sub> hp	220/240V P <sub>e</sub> hp	P <sub>e</sub> hp	P <sub>e</sub> hp	FLA A		kg	(lb)
<b>Rated operational voltage U<sub>e</sub>, 208...600 V , rated control supply voltage U<sub>s</sub>, 100...250 V AC, 50/60 Hz</b>							
7.5	10	20	25	28	PSTX30-600-70	6.10	(13.45)
10	10	25	30	34	PSTX37-600-70	6.10	(13.45)
10	15	30	40	42	PSTX45-600-70	6.10	(13.45)
20	20	40	50	60	PSTX60-600-70	6.10	(13.45)
20	25	50	60	68	PSTX72-600-70	6.10	(13.45)
25	30	60	75	80	PSTX85-600-70	6.10	(13.45)
30	40	75	100	104	PSTX105-600-70	6.10	(13.45)
40	50	100	125	130	PSTX142-600-70	9.60	(21.16)
50	60	125	150	169	PSTX170-600-70	9.60	(21.16)
60	75	150	200	192	PSTX210-600-70	12.70	(27.99)
75	100	200	250	248	PSTX250-600-70	12.70	(27.99)
100	100	250	300	302	PSTX300-600-70	12.70	(27.99)
125	150	300	350	361	PSTX370-600-70	12.70	(27.99)
150	200	400	500	480	PSTX470-600-70	25.00	(55.12)
200	200	500	600	590	PSTX570-600-70	25.00	(55.12)
250	300	600	700	720	PSTX720-600-70	46.20	(101.85)
300	350	700	800	840	PSTX840-600-70	46.20	(101.85)
400	450	900	1000	1062	PSTX1050-600-70	64.20	(141.54)
400	500	1000	1200	1250	PSTX1250-600-70	64.70	(142.64)
<b>Rated operational voltage U<sub>e</sub>, 208...690 V , rated control supply voltage U<sub>s</sub>, 100...250 V AC, 50/60 Hz</b>							
7.5	10	20	25	28	PSTX30-690-70	6.10	(13.45)
10	10	25	30	34	PSTX37-690-70	6.10	(13.45)
10	15	30	40	42	PSTX45-690-70	6.10	(13.45)
20	20	40	50	60	PSTX60-690-70	6.10	(13.45)
20	25	50	60	68	PSTX72-690-70	6.10	(13.45)
25	30	60	75	80	PSTX85-690-70	6.10	(13.45)
30	40	75	100	104	PSTX105-690-70	6.10	(13.45)
40	50	100	125	130	PSTX142-690-70	9.60	(21.16)
50	60	125	150	169	PSTX170-690-70	9.60	(21.16)
60	75	150	200	192	PSTX210-690-70	12.70	(27.99)
75	100	200	250	248	PSTX250-690-70	12.70	(27.99)
100	100	250	300	302	PSTX300-690-70	12.70	(27.99)
125	150	300	350	361	PSTX370-690-70	12.70	(27.99)
150	200	400	500	480	PSTX470-690-70	25.00	(55.12)
200	200	500	600	590	PSTX570-690-70	25.00	(55.12)
250	300	600	700	720	PSTX720-690-70	46.20	(101.85)
300	350	700	800	840	PSTX840-690-70	46.20	(101.85)
400	450	900	1000	1062	PSTX1050-690-70	64.20	(141.54)
400	500	1000	1200	1250	PSTX1250-690-70	64.70	(142.64)

# Ordering details

## Heavy-duty starts, class 30

### Typical applications

- Centrifugal pump (wastewater)
- Conveyor belt (long)
- Mixer
- Positive displacement pumps
- Positive displacement blower



For a more precise selection, use the online softstarter selection tool available by scanning the shown QR code or using the selection tool available on: [new.abb.com/low-voltage/products/Softstarters](http://new.abb.com/low-voltage/products/Softstarters)



PSTX30... PSTX105



PSTX142... PSTX170



PSTX210... PSTX370



PSTX470... PSTX570



PSTX720... PSTX840



PSTX1050... PSTX1250

UL/CSA					Type	Weight	
Rated operational power 200/208V		440/480V	550/600V	Current		pkg/1pce	
P <sub>e</sub> hp	220/240V P <sub>e</sub> hp	P <sub>e</sub> hp	P <sub>e</sub> hp	FLA A		kg	(lb)
Rated operational voltage U <sub>e</sub> , 208...600 V, rated control supply voltage U <sub>s</sub> , 100...250 V AC, 50/60 Hz							
5	7.5	15	20	25	PSTX30-600-70	6.10	(13.45)
7.5	10	20	25	28	PSTX37-600-70	6.10	(13.45)
10	10	25	30	34	PSTX45-600-70	6.10	(13.45)
10	15	30	40	42	PSTX60-600-70	6.10	(13.45)
20	20	40	50	60	PSTX72-600-70	6.10	(13.45)
20	25	50	60	68	PSTX85-600-70	6.10	(13.45)
25	30	60	75	80	PSTX105-600-70	6.10	(13.45)
30	40	75	100	104	PSTX142-600-70	9.60	(21.16)
40	50	100	125	130	PSTX170-600-70	9.60	(21.16)
50	60	125	150	169	PSTX210-600-70	12.70	(27.99)
60	75	150	200	192	PSTX250-600-70	12.70	(27.99)
75	100	200	250	248	PSTX300-600-70	12.70	(27.99)
100	100	250	300	302	PSTX370-600-70	12.70	(27.99)
125	150	300	350	361	PSTX470-600-70	25.00	(55.12)
150	200	400	500	480	PSTX570-600-70	25.00	(55.12)
200	200	500	600	590	PSTX720-600-70	46.20	(101.85)
250	300	600	700	720	PSTX840-600-70	46.20	(101.85)
300	350	700	800	840	PSTX1050-600-70	64.20	(141.54)
400	450	900	1000	1062	PSTX1250-600-70	64.70	(142.64)
Rated operational voltage U <sub>e</sub> , 208...690 V, rated control supply voltage U <sub>s</sub> , 100...250 V AC, 50/60 Hz							
5	7.5	15	20	25	PSTX30-690-70	6.10	(13.45)
7.5	10	20	25	28	PSTX37-690-70	6.10	(13.45)
10	10	25	30	34	PSTX45-690-70	6.10	(13.45)
10	15	30	40	42	PSTX60-690-70	6.10	(13.45)
20	20	40	50	60	PSTX72-690-70	6.10	(13.45)
20	25	50	60	68	PSTX85-690-70	6.10	(13.45)
25	30	60	75	80	PSTX105-690-70	6.10	(13.45)
30	40	75	100	104	PSTX142-690-70	9.60	(21.16)
40	50	100	125	130	PSTX170-690-70	9.60	(21.16)
50	60	125	150	169	PSTX210-690-70	12.70	(27.99)
60	75	150	200	192	PSTX250-690-70	12.70	(27.99)
75	100	200	250	248	PSTX300-690-70	12.70	(27.99)
100	100	250	300	302	PSTX370-690-70	12.70	(27.99)
125	150	300	350	361	PSTX470-690-70	25.00	(55.12)
150	200	400	500	480	PSTX570-690-70	25.00	(55.12)
200	200	500	600	590	PSTX720-690-70	46.20	(101.85)
250	300	600	700	720	PSTX840-690-70	46.20	(101.85)
300	350	700	800	840	PSTX1050-690-70	64.20	(141.54)
400	450	900	1000	1062	PSTX1250-690-70	64.70	(142.64)