

Open

Softstarters
Type PSS



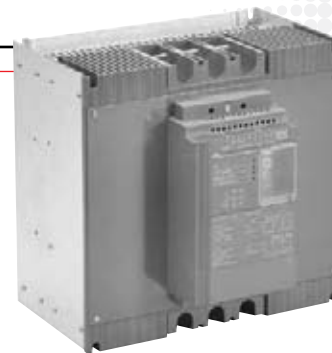
PSS18/30



PSS50/85



PSS85/147



PSS300/515

Connected inline ①②③



| Maximum motor current | | Maximum horsepower | | | | | Weight (lbs.) | Catalog number | List price |
|-----------------------|-----|--------------------|------|------|------|------|---------------|-----------------|------------|
| UL | IEC | 208V | 240V | 380V | 480V | 600V | | | |
| 18 | 18 | 5 | 5 | 10 | 10 | — | 5 | PSS18/30-500F | \$ 620 |
| | | — | — | — | — | 15 | | PSS18/30-690F | 744 |
| 28 | 30 | 7.5 | 10 | 15 | 20 | — | 5 | PSS30/52-500F | 680 |
| | | — | — | — | — | 25 | | PSS30/52-690F | 820 |
| 34 | 37 | 10 | 10 | 20 | 25 | — | 5 | PSS37/64-500F | 750 |
| | | — | — | — | — | 30 | | PSS37/64-690F | 900 |
| 40 | 44 | 10 | 10 | 25 | 30 | — | 5 | PSS44/76-500F | 900 |
| | | — | — | — | — | 30 | | PSS44/76-690F | 1080 |
| 47 | 50 | 15 | 15 | 25 | 30 | — | 8 | PSS50/85-500F | 1120 |
| | | — | — | — | — | 40 | | PSS50/85-690F | 1345 |
| 56 | 60 | 15 | 20 | 30 | 40 | — | 8.4 | PSS60/105-500F | 1325 |
| | | — | — | — | — | 50 | | PSS60/105-690F | 1590 |
| 67 | 72 | 20 | 20 | 40 | 50 | — | 8.4 | PSS72/124-500F | 1460 |
| | | — | — | — | — | 60 | | PSS72/124-690F | 1750 |
| 85 | 85 | 25 | 30 | 50 | 60 | — | 19 | PSS85/147-500F | 1650 |
| | | — | — | — | — | 75 | | PSS85/147-690F | 1980 |
| 105 | 105 | 30 | 40 | 60 | 75 | — | 23 | PSS105/181-500F | 1700 |
| | | — | — | — | — | 100 | | PSS105/181-690F | 2040 |
| 125 | 142 | 40 | 40 | 75 | 100 | — | 23 | PSS142/245-500F | 2250 |
| | | — | — | — | — | 125 | | PSS142/245-690F | 2700 |
| 156 | 175 | 50 | 60 | 100 | 125 | — | 45 | PSS175/300-500F | 2900 |
| | | — | — | — | — | 150 | | PSS175/300-690F | 3395 |
| 225 | 250 | 75 | 75 | 150 | 150 | — | 48.4 | PSS250/430-500F | 3400 |
| | | — | — | — | — | 200 | | PSS250/430-690F | 3965 |
| 248 | 300 | 75 | 100 | 150 | 200 | — | 48.4 | PSS300/515-500F | 3950 |
| | | — | — | — | — | 250 | | PSS300/515-690F | 4530 |

Connected inside delta ①②③



| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|------|-----------------|--------|
| 30 | 30 | 7.5 | 10 | 15 | 20 | — | 5 | PSS18/30-500F | \$ 620 |
| | | — | — | — | — | 25 | | PSS18/30-690F | 744 |
| 48 | 52 | 15 | 15 | 30 | 30 | — | 5 | PSS30/52-500F | 680 |
| | | — | — | — | — | 40 | | PSS30/52-690F | 820 |
| 58 | 64 | 20 | 20 | 30 | 40 | — | 5 | PSS37/64-500F | 750 |
| | | — | — | — | — | 50 | | PSS37/64-690F | 900 |
| 69 | 76 | 20 | 25 | 40 | 50 | — | 5 | PSS44/76-500F | 900 |
| | | — | — | — | — | 60 | | PSS44/76-690F | 1080 |
| 81 | 85 | 25 | 30 | 50 | 60 | — | 8 | PSS50/85-500F | 1120 |
| | | — | — | — | — | 75 | | PSS50/85-690F | 1345 |
| 96 | 105 | 30 | 30 | 60 | 75 | — | 8.4 | PSS60/105-500F | 1325 |
| | | — | — | — | — | 75 | | PSS60/105-690F | 1590 |
| 116 | 124 | 40 | 40 | 60 | 75 | — | 8.4 | PSS72/124-500F | 1460 |
| | | — | — | — | — | 100 | | PSS72/124-690F | 1750 |
| 147 | 147 | 50 | 50 | 75 | 100 | — | 19 | PSS85/147-500F | 1650 |
| | | — | — | — | — | 150 | | PSS85/147-690F | 1980 |
| 181 | 181 | 60 | 60 | 100 | 150 | — | 23 | PSS105/181-500F | 1700 |
| | | — | — | — | — | 150 | | PSS105/181-690F | 2040 |
| 215 | 245 | 75 | 75 | 150 | 150 | — | 23 | PSS142/245-500F | 2250 |
| | | — | — | — | — | 200 | | PSS142/245-690F | 2700 |
| 270 | 300 | 75 | 100 | 150 | 200 | — | 45 | PSS175/300-500F | 2900 |
| | | — | — | — | — | 250 | | PSS175/300-690F | 3395 |
| 389 | 430 | 125 | 150 | 250 | 300 | — | 48.4 | PSS250/430-500F | 3400 |
| | | — | — | — | — | 400 | | PSS250/430-690F | 3965 |
| 429 | 515 | 150 | 150 | 300 | 350 | — | 48.4 | PSS300/515-500F | 3950 |
| | | — | — | — | — | 400 | | PSS300/515-690F | 4530 |

NOTE: Open softstarters are converted from connected inline to connected inside delta by means of a DIP switch. See circuit diagram on pages 6.13 - 6.15 for information.

- ① Catalog numbers are shown with 120V control. For 240V control, replace "F" with "L" in catalog number.
- ② Overload protection not included; external overload relay must be in power circuit. Use ABB TA series overload.
- ③ Current transformer not included. See page 6.8 for current transformers.