

PSE: *SOFTSTARTERS*

FEATURES

- VOLTAGE RAMP & TORQUE FOR BOTH START AND STOP
- TWO-PHASE CONTROLLED
- CURRENT LIMIT
- KICK-START
- BUILT-IN BYPASS FOR ENERGY SAVING AND EASY INSTALLATION
- ILLUMINATED DISPLAY THAT USES SYMBOLS TO BECOME LANGUAGE NEUTRAL
- EXTERNAL KEYPAD RATED IP66 (TYPE 1, 4X, 12) AS AN OPTION
- ANALOG OUTPUT FOR DISPLAY OF MOTOR CURRENT
- RATED OPERATIONAL CURRENT: 3-105 A* OPERATIONAL VOLTAGE: 208-600V AC*
CONTROL SUPPLY VOLTAGE: 24V AC/DC or 100-240V AC
- ELECTRONIC OVERLOAD PROTECTION
- UNDERLOAD PROTECTION
- LOCKED ROTER PROTECTION
- BUILT-IN MODBUS RTU
- FIELDBUS COMMUNICATION WITH FIELD BUS PLUG ADAPTER AND FIELDBUS PLUG



MAIN BENEFITS

- SMALL AND COMPACT STARTING SOLUTION
- CAN PERFORM MANY STARTS PER HOUR
- REDUCE ENERGY LOSS AT FULL SPEED WITH BUILT-IN BYPASS
- PERFORMS WELL IN APPLICATIONS REQUIRING MANY STARTS PER HOUR
- PERFECT FOR INSTALLATIONS WHERE YOU NEED TO SAVE SPACE
- SECURE MOTOR RELIABILITY
- IMPROVE INSTALLATION EFFICIENCY
- INCREASE APPLICATION PRODUCTIVITY

Classifications:

RoHS Indicator - Yes

UL/CUL Listing - Yes



SOFTSTARTER

Options, Dimensions and Ordering Instructions

SPECIFICATIONS/ORDERING INFORMATION- NORMAL DUTY

CATALOG #	INPUT VOLTAGE	CONTROL VOLTAGE	OUTPUT CURRENT (A)	HP @ 208V	HP @ 230V	HP @ 460V	HP @ 575V
PSE18-600-70	208-600V	100-240V	18	5	5	10	15
PSE25-600-70	208-600V	100-240V	25	7.5	7.5	15	20
PSE30-600-70	208-600V	100-240V	28	7.5	10	20	25
PSE37-600-70	208-600V	100-240V	34	10	10	25	30
PSE45-600-70	208-600V	100-240V	42	10	15	30	40
PSE60-600-70	208-600V	100-240V	60	20	20	40	50
PSE72-600-70	208-600V	100-240V	68	20	25	50	60
PSE85-600-70	208-600V	100-240V	80	25	30	60	75
PSE105-600-70	208-600V	100-240V	104	30	40	75	100
PSE142-600-70	208-600V	100-240V	130	40	50	100	125
PSE170-600-70	208-600V	100-240V	169	60	60	125	150

SPECIFICATIONS/ORDERING INFORMATION- HEAVY DUTY

CATALOG #	INPUT VOLTAGE	CONTROL VOLTAGE	OUTPUT CURRENT (A)	HP @ 208V	HP @ 230V	HP @ 460V	HP @ 575V
PSE18-600-70	208-600V	100-240V	11	3	3	7.5	10
PSE25-600-70	208-600V	100-240V	18	5	5	10	15
PSE30-600-70	208-600V	100-240V	25	7.5	7.5	15	20
PSE37-600-70	208-600V	100-240V	28	7.5	10	20	25
PSE45-600-70	208-600V	100-240V	34	10	10	25	30
PSE60-600-70	208-600V	100-240V	42	10	15	30	40
PSE72-600-70	208-600V	100-240V	60	20	20	40	50
PSE85-600-70	208-600V	100-240V	68	20	25	50	60
PSE105-600-70	208-600V	100-240V	80	25	30	60	75
PSE142-600-70	208-600V	100-240V	104	30	40	75	100
PSE170-600-70	208-600V	100-240V	130	40	50	100	125

DIMENSIONS

CATALOG #	POWER DISSIPATION IN WATTS	HEIGHT (in.)	WIDTH (in.)	DEPTH (in.)	WEIGHT (lbs.)
PSE18-600-70	0.20	9.6	3.5	7.2	5.3
PSE25-600-70	0.40	9.6	3.5	7.2	5.3
PSE30-600-70	0.50	9.6	3.5	7.2	5.3
PSE37-600-70	0.80	9.6	3.5	7.2	5.3
PSE45-600-70	1.2	9.6	3.5	7.2	5.3
PSE60-600-70	2.2	9.6	3.5	7.2	5.3
PSE72-600-70	3.1	9.6	3.5	7.2	5.5
PSE85-600-70	4.3	9.6	3.5	7.2	5.5
PSE105-600-70	6.6	9.6	3.5	7.2	5.5
PSE142-600-70	12.1	11.6	5.1	8.6	9.3
PSE170-600-70	17.6	11.6	5.1	8.6	9.3



The EXCO Engineering Department is Available to Assist you in the Selection of Enclosures and Accessories.

INDUSTRIAL INC.