

Representative Image

Alternate Catalog No. PSE142-600-70
Catalog No. 1SFA897110R7000

Description: SOFTSTARTER

UPC No 7320500400685

Home > Soft Starters > Softstarter - Open (PSE)

The softstarter PSE142-600-70 has a rated maximum operational current of 142 A with an operating voltage span from 208...600 V AC. The rated control voltage is between 100...250 V AC at 50/60 Hz. PSE features a two-phase control with a soft start and stop through a voltage or a torque ramp. It has built-in bypass for easy installation and energy saving. A RUN, TOR, and Event signal is available from a relay output in NO (normally open state). The PSE has functions such as current limit, kickstart, analog output, EOL, underload, and locked rotor protection. To interact with PSE, it has an Illuminated display that uses symbols to become language neutral. As an option, you can add an identical external keypad with a rating of IP66. There are three ways to communicate with PSE. It can be done by hardwire inputs Start/Stop or by Reset of fault. Another popular option is the built-in fieldbus communication Modbus RTU. You can also use an external adaptor and a Fieldbus plug. PSE is a true general pur-pose softstarter. It's a perfect balance be-tween high starting capacity and cost effi-ciency. Very suitable for small to medium-sized three-phase motors with nominal currents from 18...370 A. Typical applications are, for example, pumps, fans, compressors, and conveyors.

Descriptors

Category	Softstarter - Open (PSE)

Specifications

Product Type	Soft Starters
Input Voltage	208-600 V
Control Voltage	100-240 V
Normat Duty: Output Current (A)	130
Normal Duty: Motor Power (HP) at 208V	40
Normal Duty: Motor Power (HP) at 230V	50
Normal Duty: Motor Power (HP) at 460V	100
Normal Duty: Motor Power (HP) at 575V	125
Heavy Duty: Output Current (A)	104
Heavy Duty: Motor Power (HP) at 208V	30
Heavy Duty: Motor Power (HP) at 230V	40
Heavy Duty: Motor Power (HP) at 460V	75
Heavy Duty: Motor Power (HP) at 575V	100
Power Dissipation In Watts	12.1
Height (Inches)	11.61
Width (Inches)	5.12
Depth (Inches)	8.62

Classifications

RoHS Indicator	Yes
UL/CUL Listing	Yes

Dimensions

Dimensions	
Weight (lb)	9.26
Height (mm)	295
Width (mm)	130
Depth (mm)	219.5
Weight (kg)	4.2