

PRODUCT-DETAILS

PSE37-600-70

PSE37-600-70 Softstarter



Algemene informatie

Globaal commercieel alias	PSE37-600-70
Type	PSE37-600-70
Artikelnummer	1SFA897104R7000
Type	PSE37-600-70
EAN	7320500400623
Omschrijving	PSE37-600-70 Softstarter

Omschrijving

The softstarter PSE37-600-70 has a rated maximum operational current of 37 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 a 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 hardware inputs Start/Stop or by Reset of fault. Another popular option is the built-in Fieldbus communication Modbus RTU, but we can also use an external adaptor and a Fieldbus plug. The new generation PSE is a true general purpose softstarter. It's a perfect balance between high starting capacity and cost efficiency. It is now featuring built-in Fieldbus communication. They are 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.

Ordering

Minimale bestelhoeveelheid	1 stuk
Nummer douanetarief	85044090

Popular Downloads

Gegevensblad, technische informatie	1SFC132012C0201
Instructies en handleidingen	1SFC132057M0201

Dimensions

Product netto breedte	90 mm
Product netto hoogte	245 mm
Product netto diepte	184 mm
Product netto gewicht	2.5 kg

Technical

Nominaal bedrijfsvoltage	208 ... 600 V AC
Nominaal stuurvoltage (U_s)	100 ... 250 V AC
Nominale stuurstroomkringspanning (U_c)	DC Operation 24 V
Toegekende frequentie (f)	50/60 Hz Main Circuit 50 / 60 Hz
Nominaal bedrijfsvermogen - In-line verbinding (Pe)	(230 V) 9 kW (400 V) 18.5 kW (500 V) 22 kW
Nominale bedrijfsstroom - In-line verbinding (Ie)	37 A
Servicefactorpercentage	100 %
Overbelastingsbeveiliging	Build-in electronic overload protection
Geïntegreerde elektronische overbelasting	Yes
Instelbare nominale motorstroom, Ie	30 ... 100 %
Startcapaciteit bij maximale nominale stroom, dwz	4xIe for 10s
Ramp tijd	0 ... 30 seconde 1 ... 30 seconde
Initiële spanning tijdens start	30 ... 70 %
Stap omlaag voltage speciaal helling	No %
Stroombegrenzingsfunctie	1.5 ... 7xIe
Schakelaar voor Inside Delta-verbinding	No
Loopsignaalrelais	Yes

By-pass signaalrelais	Yes
Foutsignaalrelais	Yes
Overbelastingssignaalrelais	Yes
Analoge uitvoer	4...20 mA
Signaalindicatie voltooid starthelling (LED)	Green
Signaalindicatie klaar om te starten/stand-by AAN (LED)	Green
Signaalindicatie lopen R (LED)	Green
Signaalindicatie helling omhoog/omlaag (LED)	Green
Signaalindicatie bescherming (LED)	Yellow
Signaalindicatie fout (LED)	Red
Aantal starts per uur bij 3.5*le voor 7 sec. 50% AAN tijd 50% UIT tijd	10
Communicatie	FiledBusPlug(Optional)
Beschermingsgraad	IP00
Terminaltype	Schroef
Verbindingscapaciteit hoofdcircuit	Hole Diameter 8.5 mm Rigid 1/2 x 2.5 ... 70 mm² Width and Thickness 17.5x5 mm
Verbindingscapaciteit controlecircuit	Rigid 1 x 2.5 mm² Rigid 2 x 1.5 mm²
Verbindingscapaciteit aanvoercircuit	Rigid 1 x 2.5 mm²
Aanhaalmoment	Control Circuit 0.5 N·m Main Circuit 9 N·m Supply Circuit 0.5 N·m
Product hoofdtype	PSE37

Technical UL/CSA

Maximale bedrijfsspanning UL/CSA	Main Circuit 600 V
Aanhaalmoment UL/CSA	Control Circuit 4.4 in·lb Main Circuit 79.7 Supply Circuit 4.4 in·lb

Environmental

Omgevingsluchttemperatuur	Operation -25 ... +60 °C Storage -40 ... +70 °C
RoHS-status	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificates and Declarations (Document Number)

CQC-certificaat	CQC2011010304468093
Declaration of Conformity - CCC	2020980304001546

Conformiteitsverklaring - CE	2CMT2015-005447
Milieu-informatie	1SFC132042D0201
Instructies en handleidingen	1SFC132057M0201
RoHS-informatie	1SFC132043D0201

Container Information

Pakketniveau 1 Breedte	178 mm
Pakketniveau 1 Lengte	257 mm
Pakketniveau 1 Hoogte	288 mm
Pakketniveau 1 Bruto gewicht	3.2 kg
Pakketniveau 1 EAN	7320500400623
Pakketniveau 1 Units	box 1 stuk

Classifications

Object classificatiecode	Q
ETIM 4	EC002572 - Electronic motor control and protection device
ETIM 5	EC002572 - Electronic motor control and protection device
ETIM 6	EC002572 - Motormanagementsysteem
eClass	V11.0 : 27370907
UNSPSC	39121521

Categorieën

Frequentieomvormers → Softstarters → Softstarters → PSE-softstarters → PSE37

Laagspanningsproducten en -systemen → Control Producten → Softstarters → Softstarters → PSE-softstarters → PSE37

