

## PRODUCT-DETAILS

# PSTX85-600-70

## PSTX85-600-70 Softstarter



### Algemene informatie

Globaal commercieel alias	PSTX85-600-70
Type	PSTX85-600-70
Artikelnummer	1SFA898108R7000
Type	PSTX85-600-70
EAN	7320500501306
Omschrijving	PSTX85-600-70 Softstarter

### Omschrijving

The softstarter PSTX85-600-70 has a rated maximum operational current of 85 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. PSTX features a three-phase control 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 relay outputs in NO (normally open state). The PSTX has functions such as current limit, kickstart, analog output, EOL, motor heating and pump cleaning etc. To interact with PSTX, it has a detachable full graphic display with IP66 and 4x outdoor rating. There are four ways to communicate with PSTX. It can be done by hardwire inputs Start/Stop/Reset of fault, and by three programmable digital inputs. Another popular option is the built-in Fieldbus communication Modbus RTU and incl optional ANYBUS modules with every major protocol such as for example Profinet, Profibus, Modbus TCP, Ethernet IP and others. Another way to communicate with PSTX is to use an external adaptor and a Fieldbus plug. PSTX is the complete alternative for any motor starting application. It's suitable for medium to large-sized three-phase motors with nominal currents from 30...1250 A inline connection or 52...2160 A inside delta connection. 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	1SFC132081M0201

## Dimensions

Product netto breedte	150 mm
Product netto hoogte	314 mm
Product netto diepte	198 mm
Product netto gewicht	4.7 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) 22 kW (400 V) 45 kW (500 V) 55 kW
Nominale bedrijfsstroom - In-line verbinding (Ie)	85 A
Nominaal bedrijfsvermogen - In Delta-verbinding	at 230 V 40 kW at 400 V 75 kW at 500 V 90 kW
Nominale bedrijfsstroom - In Delta-verbinding	147 A
Servicefactorpercentage	100 %
Overbelastingsbeveiliging	Built-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	1 ... 120 seconde
Initiële spanning tijdens start	10 ... 99 %
Stap omlaag voltage speciaal helling	100 ... 10 %

Stroombegrenzingsfunctie	1.5 ... 7.5 xle
Schakelaar voor Inside Delta-verbinding	Yes
Loopsignaalrelais	Yes
By-pass signaalrelais	Yes
Foutsignaalrelais	Yes
Overbelastingsignaalrelais	Yes
Analoge uitvoer	0...10 V, 0...20 mA, 4...20 mA
Signaalindicatie klaar om te starten/stand-by AAN (LED)	Green
Signaalindicatie lopen R (LED)	Green
Signaalindicatie bescherming (LED)	Yellow
Signaalindicatie fout (LED)	Red
Communicatie	Built in Modbus interface, Anybus, FieldBusPlug (with adapter).
Beschermingsgraad	IP00
Terminaltype	Cable Clamp
Verbindingscapaciteit hoofdcircuit	Hole Diameter 8.5 mm
Verbindingscapaciteit controlecircuit	Rigid 1 x 2.5 mm <sup>2</sup>
Verbindingscapaciteit aanvoercircuit	Rigid 1 x 2.5 mm <sup>2</sup>
Aanhaalmoment	Main Circuit 8 N·m
Product hoofdtype	PSTX85

## Technical UL/CSA

Maximale bedrijfsspanning UL/CSA	Main Circuit 600 V
Aanhaalmoment UL/CSA	Main Circuit 70.8

## 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	CN: CQC2014010304744405 / SE: CQC2014010304724380
Declaration of Conformity - CCC	CN: 2020980304001091 / SE: 2020980304001489
Conformiteitsverklaring - CE	2CMT005209
Milieu-informatie	2CMT005232
Instructies en handleidingen	1SFC132081M0201
RoHS-informatie	2CMT005210

Container Information

Pakketniveau 1 Breedte	200 mm
Pakketniveau 1 Lengte	282 mm
Pakketniveau 1 Hoogte	388 mm
Pakketniveau 1 Brutogewicht	5.7 kg
Pakketniveau 1 EAN	7320500501306
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 → PSTX-softstarters → PSTX85

Laagspanningsproducten en -systemen → Control Producten → Softstarters → Softstarters → PSTX-softstarters → PSTX85

