

PRODUCT-DETAILS

# PSE142-600-70

## PSE142-600-70 Softstarter



### Información General

Global Commercial Alias	PSE142-600-70
Tipo de producto extendido	PSE142-600-70
Código de producto	1SFA897110R7000
ABB Type Designation	PSE142-600-70
EAN	7320500400685
Descripción corta	PSE142-600-70 Softstarter
Descripción larga	Softstarter PSE142-600-70 for max 600V main voltage and 100 - 250V 50/60Hz control supply voltage.

### Clasificación

Cantidad mínima de pedido	1 piece
Código arancelario	85044090

### Descargas Populares

Ficha técnica, información técnica	1SFC132012C0201
Instrucciones y manuales	1SFC132057M0201

### Dimensiones

Ancho del product	130 mm
Alto del producto	295 mm
Largo del product	220 mm
Peso del product	4.4 kg

## Technical

Rated Operational Voltage	208 ... 600 V AC
Rated Control Supply Voltage (U <sub>s</sub> )	100 ... 250 V AC
Rated Control Circuit Voltage (U <sub>c</sub> )	DC Operation 24 V
Rated Frequency (f)	50/60 Hz Main Circuit 50 / 60 Hz
Rated Operational Power - In-Line Connection (Pe)	(230 V) 40 kW (400 V) 75 kW (500 V) 90 kW
Rated Operational Current - In-Line Connection (I <sub>e</sub> )	143 A
Service Factor Percentage	100 %
Overload Protection	Build-in electronic overload protection
Integrated Electronic Overload	Yes
Adjustable Rated Motor Current I <sub>e</sub>	30 ... 100 %
Starting Capacity at Maximum Rated Current I <sub>e</sub>	4xI <sub>e</sub> for 10s
Ramp Time	0 ... 30 second [unit of time] 1 ... 30 second [unit of time]
Initial Voltage During Start	30 ... 70 %
Step Down Voltage Special Ramp	No %
Current Limit Function	1.5 ... 7xI <sub>e</sub>
Switch for Inside Delta Connection	No
Run Signal Relay	Yes
By-pass Signal Relay	Yes
Fault Signal Relay	Yes
Overload Signal Relay	Yes
Analog Outputs	4...20 mA
Signal indication completed start ramp (LED)	Green
Signal indication ready to start/standby ON (LED)	Green
Signal indication running R (LED)	Green
Signal indication ramping up/down (LED)	Green
Signal indication protection (LED)	Yellow
Signal indication fault (LED)	Red
Number of Starts Per Hour at 3.5*I <sub>e</sub> for 7 sec. 50% ON Time 50% OFF Time	10
Communication	FiledBusPlug(Optional)
Grado de protección	IP00
Terminal Type	Main Circuit: Bars

Connecting Capacity Main Circuit	Hole Diameter 8.5 mm Rigid 1/2 x 2.5 ... 70 mm <sup>2</sup> Width and Thickness 17.5x5 mm
Connecting Capacity Control Circuit	Rigid 1 x 2.5 mm <sup>2</sup> Rigid 2 x 1.5 mm <sup>2</sup>
Connecting Capacity Supply Circuit	Rigid 1 x 2.5 mm <sup>2</sup>
Tightening Torque	Control Circuit 0.5 N-m Main Circuit 18 N-m Supply Circuit 0.5 N-m
Product Main Type	PSE142

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V
Ampere Rating UL/CSA	130 A
Tightening Torque UL/CSA	Control Circuit 4.4 in-lb Main Circuit 159.3 Supply Circuit 4.4 in-lb

## Ambiente

Temperatura ambiente	Funcionamiento -25 ... +60 °C Almacenamiento -40 ... +70 °C
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Certificados y Declaraciones (Número de Documento)

CQC Certificate	CQC2011010304468089
Declaration of Conformity - CCC	2020980304001545
Declaración de conformidad - CE	2CMT2015-005447
Environmental Information	1SFC132042D0201
Instrucciones y manuales	1SFC132057M0201
RoHS Information	1SFC132043D0201

## Información de Embalaje

Embalaje Nivel 1 Ancho	203 mm
Embalaje Nivel 1 Largo	282 mm
Embalaje Nivel 1 Alto	363 mm
Embalaje Nivel 1 Peso	5.4 kg
Embalaje Nivel 1 EAN	7320500400685
Embalaje Nivel 1 Unidades	box 1 piece

## Clasificaciones

Object Classification Code	Q
ETIM 4	EC002572 - Electronic motor control and protection device
ETIM 5	EC002572 - Electronic motor control and protection device
ETIM 6	EC002572 - Motor management device
UNSPSC	39121521

---

## Categorías

---

Convertidores de frecuencia → Softstarters → Arranadores suaves → PSE Softstarters → PSE142

Productos y sistemas de baja tensión → Aparatos de control → Softstarters → Arranadores suaves → PSE Softstarters → PSE142

