

PRODUCT-DETAILS

# PSR85-600-70

## PSR85-600-70 Softstarter



### Información General

Global Commercial Alias	PSR85-600-70
Tipo de producto extendido	PSR85-600-70
Código de producto	1SFA896114R7000
ABB Type Designation	PSR85-600-70
EAN	7320500362631
Descripción corta	PSR85-600-70 Softstarter
Descripción larga	Softstarter PSR85-600-70 for max 600V main voltage and 100-240V 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	1SFC132033M0001

### Dimensiones

Ancho del product	180 mm
Alto del producto	220 mm
Largo del product	70 mm
Peso del product	2.1 kg

## Technical

Rated Operational Voltage	208 ... 600 V AC
Rated Control Supply Voltage (U <sub>s</sub> )	100 ... 240 V AC
Rated Control Circuit Voltage (U <sub>c</sub> )	50 Hz / 60 Hz 100 ... 240 V AC DC Operation 24 V
Rated Frequency (f)	50/60 Hz Main Circuit 50 / 60 Hz
Rated Operational Power - In-Line Connection (Pe)	(230 V) 22 kW (400 V) 45 kW (500 V) 55 kW
Rated Operational Current - In-Line Connection (I <sub>e</sub> )	85 A
Service Factor Percentage	100 %
Overload Protection	Recommended MS495 70 ... 90
Integrated Electronic Overload	No
Adjustable Rated Motor Current I <sub>e</sub>	No
Starting Capacity at Maximum Rated Current I <sub>e</sub>	4xI <sub>e</sub> for 6s
Ramp Time	0 ... 20 second [unit of time] 1 ... 10 second [unit of time]
Initial Voltage During Start	40 ... 70 %
Step Down Voltage Special Ramp	100 ... 60 %
Current Limit Function	No
Switch for Inside Delta Connection	No
Run Signal Relay	Yes
By-pass Signal Relay	Yes
Fault Signal Relay	No
Overload Signal Relay	No
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
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	IP10
Terminal Type	Main Circuit: Bars
Connecting Capacity Main Circuit	Rigid 1x 10 ... 95 mm <sup>2</sup> Rigid 2 x 6 ... 35 mm <sup>2</sup>

Connecting Capacity Control Circuit	1 x 0.75 ... 2.5 2 x 0.75 ... 2.5 mm <sup>2</sup> Rigid 1 x 0.75 ... 2.5 mm <sup>2</sup> Rigid 2 x 0.75 ... 1.5 mm <sup>2</sup>
Connecting Capacity Supply Circuit	Rigid 1 x 0.75 ... 2.5 mm <sup>2</sup>
Tightening Torque	Control Circuit 0.6 N-m Main Circuit 8 N-m Supply Circuit 0.6 N-m
Product Main Type	PSR85

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V
Ampere Rating UL/CSA	80 A
Tightening Torque UL/CSA	Control Circuit 5.3 in-lb Main Circuit 70.8 Supply Circuit 5.3 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	CQC2008010304295498
Declaration of Conformity - CCC	2020980304001090
Declaración de conformidad - CE	1SFA1-95
Environmental Information	1SFC132038D0201
Instrucciones y manuales	1SFC132033M0001
RoHS Information	1SFC132031D0202

## Información de Embalaje

Embalaje Nivel 1 Ancho	195 mm
Embalaje Nivel 1 Largo	86 mm
Embalaje Nivel 1 Alto	230 mm
Embalaje Nivel 1 Peso	2.3 kg
Embalaje Nivel 1 EAN	7320500362631
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 → Arrancadores suaves → PSR Softstarters → PSR85

Productos y sistemas de baja tensión → Aparatos de control → Softstarters → Arrancadores suaves → PSR Softstarters → PSR85

