

PRODUCT-DETAILS

PSTX142-600-70

PSTX142-600-70 Softstarter



Información General

Global Commercial Alias	PSTX142-600-70
Tipo de producto extendido	PSTX142-600-70
Código de producto	1SFA898110R7000
ABB Type Designation	PSTX142-600-70
EAN	7320500501467
Descripción corta	PSTX142-600-70 Softstarter
Descripción larga	Softstarter PSTX142-600-70 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	1SFC132081M0201

Dimensiones

Ancho del product	199 mm
Alto del producto	377 mm
Largo del product	283 mm
Peso del product	7 kg

Technical

Rated Operational Voltage	208 ... 600 V AC
Rated Control Supply Voltage (U_s)	100 ... 250 V AC
Rated Control Circuit Voltage (U_c)	DC Operation 24 V
Rated Frequency (f)	50/60 Hz Main Circuit 50 / 60 Hz
Rated Operational Power - In-Line Connection (P_e)	(230 V) 37 kW (400 V) 75 kW (500 V) 90 kW
Rated Operational Current - In-Line Connection (I_e)	142 A
Rated Operational Power - Inside Delta Connection	at 230 V 75 kW at 400 V 132 kW at 500 V 160 kW
Rated Operational Current - Inside Delta Connection	245 A
Service Factor Percentage	100 %
Overload Protection	Built-in electronic overload protection
Integrated Electronic Overload	Yes
Adjustable Rated Motor Current I_e	30 ... 100 %
Starting Capacity at Maximum Rated Current I_e	4x I_e for 10s
Ramp Time	1 ... 120 second [unit of time]
Initial Voltage During Start	10 ... 99 %
Step Down Voltage Special Ramp	100 ... 10 %
Current Limit Function	1.5 ... 7.5 x I_e
Switch for Inside Delta Connection	Yes
Run Signal Relay	Yes
By-pass Signal Relay	Yes
Fault Signal Relay	Yes
Overload Signal Relay	Yes
Analog Outputs	0...10 V, 0...20 mA, 4...20 mA
Signal indication ready to start/standby ON (LED)	Green
Signal indication running R (LED)	Green
Signal indication	Yellow

protection (LED)	
Signal indication fault (LED)	Red
Communication	Built in Modbus interface, Anybus, FieldBusPlug (with adapter).
Grado de protección	IP00
Terminal Type	Main Circuit: Bars
Connecting Capacity Main Circuit	Hole Diameter 8.5 mm
Connecting Capacity Control Circuit	Rigid 1 x 2.5 mm ²
Connecting Capacity Supply Circuit	Rigid 1 x 2.5 mm ²
Tightening Torque	Main Circuit 14 N·m
Product Main Type	PSTX142

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V
Ampere Rating UL/CSA	130 A
Tightening Torque UL/CSA	Main Circuit 123.9

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	CN: CQC2014010304744407 / SE: CQC2014010304724379
Declaration of Conformity - CCC	CN: 2020980304001092 / SE: 2020980304001485
Declaración de conformidad - CE	2CMT005209
Environmental Information	2CMT005232
Instrucciones y manuales	1SFC132081M0201
RoHS Information	2CMT005210

Información de Embalaje

Embalaje Nivel 1 Ancho	263 mm
Embalaje Nivel 1 Largo	323 mm
Embalaje Nivel 1 Alto	454 mm
Embalaje Nivel 1 Peso	8.7 kg
Embalaje Nivel 1 EAN	7320500501467
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 → PSTX Softstarters → PSTX142

Productos y sistemas de baja tensión → Aparatos de control → Softstarters → Arranadores suaves → PSTX Softstarters → PSTX142

