

PRODUCT-DETAILS

PSTX840-690-70

PSTX840-690-70 Softstarter



General Information

Global Commercial Alias	PSTX840-690-70
Extended Product Type	PSTX840-690-70
Product ID	1SFA898219R7000
ABB Type Designation	PSTX840-690-70
EAN	7320500510414
Catalog Description	PSTX840-690-70 Softstarter
Long Description	Softstarter PSTX840-600-70 for max 690V main voltage and 100 - 250V 50/60Hz control supply voltage.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85044090

Popular Downloads

Data Sheet, Technical Information	1SFC132009C0201
Instructions and Manuals	1SFC132081M0201

Dimensions

Product Net Width	435 mm
Product Net Height	493 mm
Product Net Depth / Length	368 mm
Product Net Weight	46.2 kg

Technical

Rated Operational Voltage	208 ... 690 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)	Main Circuit 50/60 Hz
Rated Operational Power - In-Line Connection (P_e)	(230 V) 250 kW (400 V) 450 kW (500 V) 600 kW (690 V) 800 kW
Rated Operational Current - In-Line Connection (I_e)	840 A
Rated Operational Power - Inside Delta Connection	at 230 V 450 kW at 400 V 800 kW at 500 V 1000 kW at 690 V 1400 kW
Rated Operational Current - Inside Delta Connection	1455 A
Service Factor Percentage	100 %
Overload Protection	Build-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
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
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Communication	Built in Modbus interface, Anybus, FieldBusPlug (with adapter).
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Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00
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Terminal Type	Main Circuit: Bars
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Product Main Type	PSTX840
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Environmental

Ambient Air Temperature	Storage -40 ... +70 °C Operation -25 ... +60 °C
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RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment
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Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CMT005209
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Environmental Information	2CMT005232
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Instructions and Manuals	1SFC132081M0201
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RoHS Information	2CMT005210
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Container Information

Package Level 1 Units	1 piece
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Classifications

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

Drives → Softstarters → Softstarters → PSTX Softstarters → PSTX840

