

PRODUCT-DETAILS

PSR25-600-11

PSR25-600-11 Softstarter



Informações gerais

Pseudónimo comercial global	PSR25-600-11
Tipo de produto alargado	PSR25-600-11
ID do produto	1SFA896108R1100
Designação de tipo ABB	PSR25-600-11
EAN	7320500477199
Descrição do catálogo	PSR25-600-11 Softstarter

Descrição longa	The softstarter PSR25-600-11 has a rated maximum operational current of 25 A with an operating voltage span from 208...600 V AC. The rated control voltage is 24 V AC/DC. PSR features a two-phase control soft start and stop through a voltage ramp. It has a built-in bypass for easy installation and energy saving. A RUN and a TOR signal is available from a relay output in NO (normally open state). The start/stop ramp and time is easy to set by three potentiometers on the front. PSR is often used in combination with a manual motor starter (MMS) from ABB, so mechanical connection kits are available. Another popular option is Fieldbus communication, which can be enabled by an external adaptor and a Fieldbus plug. The PSR range is our most compact softstarters with basic functionality and values. They are suitable for small three-phase motors with nominal currents from 3...105 A and can manage up to 100 starts per hour. Common applications are, for example, pumps, fans, compressors, and conveyors.
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Ordering

Quantidade Mínima de Encomenda	1 piece
Número de tarifa aduaneira	85044090

Popular Downloads

Ficha de dados, informação técnica	1SFC132012C0201
Instruções e Manuais	1SFC132077M9901

Dimensions

Largura Líquida do Produto	128 mm
Altura Líquida do Produto	160 mm
Profundidade/Comprimento Líquidos do Produto	45 mm
Peso Líquido do Produto	0.6 kg

Technical

Tensão operacional nominal	208 ... 600 V AC
Rated Control Supply Voltage (U _s)	24 V AC/DC
Rated Control Circuit Voltage (U _c)	DC Operation 24 V
Frequência nominal (f)	50/60 Hz Main Circuit 50 / 60 Hz
Rated Operational Power - In-Line Connection (Pe)	(230 V) 5.5 kW (400 V) 11 kW (500 V) 15 kW
Corrente Operacional Nominal - Conexão Em Linha (I _e)	25 A
Percentagem do fator de serviço	100 %
Overload Protection	Recommended MS132 20 ... 25
Integrated Electronic Overload	No
Adjustable Rated Motor Current I _e	No
Starting Capacity at Maximum Rated Current I _e	4xI _e 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
Indicação de sinal em	Green

funcionamento R (LED)	
Signal indication ramping up/down (LED)	Green
Number of Starts Per Hour at 3.5*Ie for 7 sec. 50% ON Time 50% OFF Time	10
Comunicação	FiledBusPlug(Optional)
Grau de proteção	IP20
Tipo de terminal	Screw Terminals
Connecting Capacity Main Circuit	Rigid 1/2 x 0.75 ... 2.5 mm ²
Connecting Capacity Control Circuit	1 x 0.75 ... 2.5 2 x 0.75 ... 2.5 mm ² Rigid 1/2 x 0.75 ... 2.5 mm ²
Connecting Capacity Supply Circuit	Rigid 1 x 0.75 ... 2.5 mm ²
Binário de aperto	Control Circuit 0.6 N-m Main Circuit 2.3 N-m Supply Circuit 0.6 N-m
Tipo de produto principal	PSR25

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V
Tightening Torque UL/CSA	Control Circuit 5.3 in-lb Main Circuit 20.4 Supply Circuit 5.3 in-lb

Environmental

Temperatura do ar ambiente	Operation -25 ... +60 °C Storage -40 ... +70 °C
Estado RoHS	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificates and Declarations (Document Number)

CQC Certificate	CQC2006010304208086
Declaration of Conformity - CCC	2020980304001088
Declaração de conformidade -CE	2CMT004861
Informação ambiental	1SFC132038D0201
Instruções e Manuais	1SFC132077M9901
Informação RoHS	1SFC132031D0202

Container Information

Largura da embalagem Nível 1	137 mm
Profundidade/Comprimento da embalagem Nível 1	50 mm
Altura da embalagem Nível 1	176 mm
Peso bruto da embalagem Nível 1	0.7 kg
Nível de Embalagem 1 EAN	7320500477199

Unidades de embalagem
Nível 1

box 1 piece

Classifications

Código de classificação do objeto	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
eClass	V11.0 : 27370907
UNSPSC	39121521

Categorias

Drives, inversores e conversores → Softstarters → Partidas suaves de motores (Softstarters) → PSR Softstarters → PSR25
Produtos e Sistemas de Baixa Tensão → Produtos para controle → Softstarters → Partidas suaves de motores (Softstarters) → PSR Softstarters → PSR25

