

PRODUCT-DETAILS

PSR25-600-70

PSR25-600-70 Softstarter - 25 A - 208 ... 600 V AC



Informations générales

Alias commercial mondial	PSR25-600-70
Extension du type de produit	PSR25-600-70
Code de produit	1SFA896108R7000
ABB désignation de type	PSR25-600-70
EAN	7320500338285
Description courte	PSR25-600-70 Softstarter - 25 A - 208 ... 600 V AC

Description longue	<p>The softstarter PSR25-600-70 has a rated maximum operational current of 25 A with an operating voltage span from 208...600 V AC. The rated control voltage is between 100...240 V AC at 50/60 Hz. PSR features a two-phase control soft start and stop through a voltage ramp. It has 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.</p> <p>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.</p>
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Commande

Quantité minimum	1 pièce
Code douanier	85371091

Downloads Préférés

Fiche produit, informations techniques	1SFC132012C0201
Instructions et manuels	1SFC132031M0001
CAD Dimensional Drawing	2CDC001079B0201
Wiring Diagram	N/A

Dimensions

Produit Largeur Net	128 mm
Produit Hauteur Net	160 mm
Produit Longueur Net	45 mm
Poids net	0.6 kg

Technique

Tension	208 ... 600 V AC
Rated Control Supply Voltage (U_s)	100 ... 240 V AC
Rated Control Circuit Voltage (U_c)	24 V DC
Fréquence assignée (f)	50/60 Hz Circuit principal 50 / 60 Hz
Rated Operational Power - In-Line Connection (P_e)	(230 V) 5.5 kW (400 V) 11 kW (500 V) 15 kW
Courant nominal de fonctionnement-- Raccordement en ligne (I_e)	25 A
Pourcentage Facteur de service	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	4x I_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	Non
Run Signal Relay	Oui
By-pass Signal Relay	Yes
Fault Signal Relay	No
Overload Signal Relay	Non
Signal Indication Completed Start Ramp (LED)	Green
Signal Indication Ready to Start/Standby ON (LED)	Green

Voyant de signal indiquant R (LED)	Green
Signal Indication Ramping Up/Down (LED)	Green
Number of Starts Per Hour at 3.5*le for 7 sec. 50% ON Time 50% OFF Time	10
Communication	FiledBusPlug(Optional)
Indice de protection	IP20
Type de borne	Screw Terminals
Connecting Capacity Main Circuit	Rigid 1/2 x 2.5 ... 10 mm ²
Connecting Capacity Control Circuit	1 x 0.75 ... 2.5 2 x 0.75 ... 2.5 mm ² Rigid 1 x 0.75 ... 2.5 mm ² Rigid 2 x 0.75 ... 1.5 mm ²
Connecting Capacity Supply Circuit	Rigid 1 x 0.75 ... 2.5 mm ²
Couple de serrage	Control Circuit 0.6 N·m Main Circuit 2.3 N·m Supply Circuit 0.6 N·m
Groupe de produit	PSR25
Fonction	Soft start with voltage ramp Soft stop with voltage ramp

Technique UL/CSA

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

Environnement

Température de l'air ambiant	Operation -25 ... +60 °C Storage -40 ... +70 °C
Indice de protection	IP20
Informations RoHS	1SFC132031D0202
Statut RoHS	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificats et Déclarations (Numéro de document)

CQC Certificate	CQC2006010304208086
Declaration of Conformity - CCC	2020980304001088
Déclaration de Conformité - CE	1SFA1-90

Emballage

Emballage Niveau 1 Largeur	137 mm
Emballage Niveau 1 Longueur	50 mm
Emballage Niveau 1 Hauteur	176 mm
Emballage Niveau 1 Poids	0.7 kg

Emballage Niveau 1 EAN	7320500338285
Emballage Niveau 1 Unités	box 1 pièce

Classifications

Code de classification d'objet	Q
ETIM 7	EC000640 - Soft starter
ETIM 8	EC000640 - Soft starter
ETIM 9	EC000640 - Soft starter
eClass	V11.0 : 27370907
UNSPSC	39121521
Code de catégorie granulaire IDEA (IGCC)	4740 >> Soft starter

Accessories

Identifiant	Description	Type	Quantity	Unit Of Measure
1SFA896212R1001	PSR30-MS132 Connection Kit PSR30-MS132		1	piece
1SFA896312R1002	PS-FBPA Fieldbus plug kit PS-FBPA		1	piece
1SFA896311R1001	PSR-FAN3-45A FAN PSR-FAN3-45A		1	piece

Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Demarres progressifs → Démarres progressifs → PSR Softstarters → PSR25

Variateurs de vitesse → Demarres progressifs → Démarres progressifs → PSR Softstarters → PSR25

