

PRODUCT-DETAILS

PSRC9-600-70

PSRC9-600-70 Softstarter - 9 A - 208 ... 600 V AC



Informations générales

Alias commercial mondial	PSRC9-600-70
Extension du type de produit	PSRC9-600-70
Code de produit	1SFA896205R7000
ABB désignation de type	PSRC9-600-70
EAN	7320500465493
Description courte	PSRC9-600-70 Softstarter - 9 A - 208 ... 600 V AC

Description longue	<p>The softstarter PSRC9-600-70 has a rated maximum operational current of 9 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. PSRC features a two-phase control soft start through a voltage ramp. It has built-in bypass for easy installation and energy saving. A RUN signal is available from a relay output in NO (normally open state). The PSRC softstarter range is a true plug-and-play with a fixed setting optimized for scroll compressors. PSRC is often combined 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 PSRC is fast and easy to install with fixed settings. Designed for scroll compressors results in less stress on the compressor reducing the maintenance cost to a minimum. The PSRC range 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 compressors.</p>
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Commande

Quantité minimum	1 pièce
Code douanier	85371091

Popular Downloads

Fiche produit, informations techniques	1SFC132012C0201
Instructions et manuels	1SFC132041M0001
CAD Dimensional Drawing	2CDC001079B0201
Wiring Diagram	N/A

Dimensions

Produit Largeur Net	114 mm
Produit Hauteur Net	140 mm
Produit Longueur Net	45 mm
Poids net	0.4 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 (Pe)	(230 V) 2.2 kW (400 V) 4 kW (500 V) 4 kW
Courant nominal de fonctionnement-- Raccordement en ligne (Ie)	9 A
Pourcentage Facteur de service	100 %
Overload Protection	Recommended MS116 6.30 ... 10.00
Integrated Electronic Overload	No
Starting Capacity at Maximum Rated Current Ie	4xIe for 6s
Ramp Time	Fixed setting Fixed setting
Initial Voltage During Start	Fixed setting
Step Down Voltage Special Ramp	Fixed setting
Current Limit Function	No
Switch for Inside Delta Connection	Non
Run Signal Relay	Oui
By-pass Signal Relay	No
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 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 1 N·m Main Circuit 1 N·m Supply Circuit 1 N·m
Groupe de produit	PSRC9
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 8.9 in·lb Main Circuit 8.9 Supply Circuit 8.9 in·lb

Environnement

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

Certificats et Déclarations (Numéro de document)

CQC Certificate	CQC2006010304208085
Declaration of Conformity - CCC	2020980304001087
Déclaration de Conformité - CE	2CMT003878

Emballage

Emballage Niveau 1 Largeur	121 mm
Emballage Niveau 1 Longueur	50 mm
Emballage Niveau 1 Hauteur	156 mm
Emballage Niveau 1 Poids	0.5 kg
Emballage Niveau 1 EAN	7320500465493
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
1SFA896211R1001	PSR16-MS116 Connection Kit PSR16-MS116		1	piece
1SFA896312R1002	PS-FBPA Fieldbus plug kit PS-FBPA		1	piece
1SFA896311R1001	PSR-FAN3-45A FAN	PSR-FAN3-45A	1	piece
1SFA896313R1001	PSR-FAN60-105A FAN	PSR-FAN60-105A	1	piece

Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Demarres progressifs → Démarres progressifs → PSR Softstarters → PSRC9

Variateurs de vitesse → Demarres progressifs → Démarres progressifs → PSR Softstarters → PSRC9

