

PRODUCT-DETAILS

# S803PV-SP125

## S803PV-SP125 High Performance MCB



### Informations générales

Extension du type de produit	S803PV-SP125
Code de produit	2CCF019621R0001
EAN	7612271471675
Description courte	S803PV-SP125 High Performance MCB

Description longue	<p>The S803PV-SP125 is a 3-pole High Performance Circuit breaker for photovoltaics (DC) with B-characteristic, with cage terminal and a rated current of 125 A. It is a current limiting device with a maximum breaking capacity of 5kA at 1200V. It can be used for voltages up to 1200V DC. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection.</p> <p>The S803PV-SP125 complies with IEC/EN 60947-2 and allows the use for industrial applications. It has numerous of approvals, therefore it can be used worldwide. The extensive range of accessory makes the use of S803PV-SP125 more comfortable. Due to the fast arc extinction of S803PV-SP125 your application will be secured.</p>
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### Technique

Normes et standards	IEC/EN 60947-2
Tripping Characteristic	B
Tension nominale ( $U_n$ )	acc. to IEC 60947-2 1200 V DC
Tension	acc. to IEC 60898-1 400 V
Tension assignée d'isolement ( $U_i$ )	acc. to IEC/EN 60664-1 1500 V
Tension assignée de tenue aux chocs ( $U_{imp}$ )	8 kV

Type de tension	DC
Courant nominal ( $I_n$ )	125 A
Courant nominal de fonctionnement ( $I_e$ )	125 A
Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )	(1200 V DC) 5 kA
Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ )	(1200 V DC) 5 kA
Fréquence (f)	0...0 Hz
Fréquence assignée (f)	0 Hz
Power Loss	28.2 W at Rated Operating Conditions per Pole 9.4 W
Classe de limitation d'énergie	3
Number of Protected Poles	3
Nombre de pôles	3
Catégorie de Surtension	III
Type de libération	SP
Accessories Available	Oui
Connecting Capacity	Flexible 0 ... 50 mm <sup>2</sup> Rigid 0 ... 70 mm <sup>2</sup>

## Environnement

Température extérieure	-25...60 °C
Température de l'air ambiant	Operation -25 ... 60 °C
Indice de protection	IP20
Degré de pollution	2
Statut RoHS	Following EU Directive 2011/65/EU
Informations RoHS	9AKK107680A3903 2CCC005084D0202
Informations environnementales	2CCY413207D0203
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Dimensions

Width in Number of Modular Spacings	4.5
Produit Largeur Net	81 mm
Produit Hauteur Net	95 mm
Produit Longueur Net	82.5 mm
Poids net	735 g
Profondeur d'encastrement ( $t_2$ )	82.5 mm

## Commande

Emballage Niveau 1 Unités	box 1 pièce
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Emballage Niveau 1 Poids

770 g

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**Certificats et Déclarations (Numéro de document)**


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Déclaration de Conformité  
- CE

2CCC005084D0202

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**Installation**


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Instructions et manuels

2CCC413016M0008

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**Downloads Préférés**


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Fiche produit, informations  
techniques

2CCC413003C0208

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**Classifications**


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ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
Catégorie DEEE	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85362020
UNSPSC	39121603
eClass	V11.0 : 27141901
Code de catégorie granulaire IDEA (IGCC)	4899 >> Miniature circuit breaker (MCB) screw-in model
Code de classification d'objet	F

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**Catégories**


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Produits basse tension → Appareillage modulaire et parafoudres → High Performance Circuit Breakers HPCBs → Disjoncteurs ≤125A S800/S500

