

PRODUCT-DETAILS

# S802PV-SP50

## S802PV-SP50 High Performance MCB



### Informations générales

Extension du type de produit	S802PV-SP50
Code de produit	2CCF019604R0001
EAN	7612271471330
Description courte	S802PV-SP50 High Performance MCB

Description longue	<p>The S802PV-SP50 is a 2-pole High Performance Circuit breaker for photovoltaics (DC) with B-characteristic, with cage terminal and a rated current of 50 A. It is a current limiting device with a maximum breaking capacity of 5kA at 800V. It can be used for voltages up to 800V DC. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S802PV-SP50 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 S802PV-SP50 more comfortable. Due to the fast arc extinction of S802PV-SP50 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 60947-2 800 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 ( $I_n$ )	50 A
Courant nominal de fonctionnement ( $I_e$ )	50 A
Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )	(800 V DC) 5 kA
Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ )	(800 V DC) 5 kA
Fréquence (f)	0...0 Hz
Fréquence assignée (f)	0 Hz
Power Loss	8.6 W at Rated Operating Conditions per Pole 4.3 W
Classe de limitation d'énergie	3
Number of Protected Poles	2
Nombre de pôles	2
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	3
Produit Largeur Net	54 mm
Produit Hauteur Net	95 mm
Produit Longueur Net	82.5 mm
Poids net	490 g
Profondeur d'encastrement ( $t_2$ )	82.5 mm

## Commande

Emballage Niveau 1 Unités	box 1 pièce
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