

PRODUCT-DETAILS

S803HV-K100

S803HV-K100 High Performance MCB



Informations générales

Extension du type de produit	S803HV-K100
Code de produit	2CCF019045R0001
EAN	7612271436940
Description courte	S803HV-K100 High Performance MCB
Description longue	<p>The S803HV-K100 is a 3-pole High Performance Circuit breaker with K-characteristic, with cage terminal, long separating plates and a rated current of 100 A. It is a current limiting device with a maximum breaking capacity of 3kA at 580/1000V. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S803HV-K100 complies with IEC/EN 60947-2 and allows the use for industrial applications. It can be used worldwide. The extensive range of accessory makes the use of S803HV-K100 more comfortable. Due to the fast arc extinction of S803HV-K100 your application will be secured.</p>

Technique

Normes et standards	IEC/EN 60947-2, UL 1077
Tripping Characteristic	K
Tension nominale (U_r)	acc. to IEC 60947-2 580/1000 V AC acc. to IEC 60947-2 1000 V AC
Tension	acc. to IEC 60898-1 400 V
Tension assignée d'isolement (U_i)	acc. to IEC/EN 60664-1 1000 V
Tension assignée de tenue aux chocs (U_{imp})	8 kV

Type de tension	AC
Courant nominal (I_n)	100 A
Courant nominal de fonctionnement (I_e)	100 A
Rated Short-Circuit Capacity	(400 V) 2.5 kA (230 V) 2.5 kA
Pouvoir assigné de coupure ultime en court-circuit (I_{cu})	(1000 V) 3 kA
Rated Conditional Short-Circuit Current (I_{nc})	(230 V) 4 kA (400 V) 4 kA
Pouvoir assigné de coupure de service en court-circuit (I_{cs})	(580 / 1000 V AC) 2 kA
Fréquence (f)	60...60 Hz
Fréquence assignée (f)	50/60 Hz
Power Loss	24 W at Rated Operating Conditions per Pole 8 W
Contact Position Indication	ON / OFF / TRIP
Classe de limitation d'énergie	3
Number of Protected Poles	3
Nombre de pôles	3
Catégorie de Surtension	III
Couple de serrage	3.5 N·m
Type de libération	K
Actuator Marking	I / O
Qualité du matériau	Insulation group I, RAL 7035
Montage sur rail DIN	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Type d'encastrement	Any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Oui
Remarques	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
Connecting Capacity	Flexible 0 ... 50 mm ² Rigid 0 ... 70 mm ²
Type de borne	Screw Terminals

Environnement

Température extérieure	-25...60 °C
Température de l'air ambiant	Operation -25 ... 60 °C
Indice de protection	IP20
Degré de pollution	2
Resistance to Vibrations acc. to IEC 60068-2-6	2 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x le
Résistance aux chocs selon CEI 60068-2-27	5 g 30 ms
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	142 mm
Produit Longueur Net	82.5 mm
Poids net	720 g
Profondeur d'encastrement (t ₂)	82.5 mm

Commande

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Poids	850 g

Certificats et Déclarations (Numéro de document)

Déclaration de Conformité - CE	2CCC005084D0202
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Installation

Instructions et manuels	2CCC413016M0008
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Downloads Préférés

Fiche produit, informations techniques	2CCC413003C0208
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Classifications

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
eClass	V11.0 : 27141901
Code de classification d'objet	F

Catégories

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

