

PRODUCT-DETAILS

S802HV-K80

S802HV-K80 High Performance MCB



Informations générales

Extension du type de produit	S802HV-K80
Code de produit	2CCF019030R0001
EAN	7612271436797
Description courte	S802HV-K80 High Performance MCB
Description longue	The S802HV-K80 is a 2-pole High Performance Circuit breaker with K-characteristic, with cage terminal, long separating plates and a rated current of 80 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 S802HV-K80 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 S802HV-K80 more comfortable. Due to the fast arc extinction of S802HV-K80 your application will be secured.

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)	80 A
Courant nominal de fonctionnement (I_e)	80 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	12.8 W at Rated Operating Conditions per Pole 6.4 W
Contact Position Indication	ON / OFF / TRIP
Classe de limitation d'énergie	3
Number of Protected Poles	2
Nombre de pôles	2
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	3
Produit Largeur Net	54 mm
Produit Hauteur Net	142 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
Emballage Niveau 1 Poids	580 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

