

PRODUCT-DETAILS

S804U-PVS5

S804U-PVS5 High Performance MCB



Informations générales

Extension du type de produit	S804U-PVS5
Code de produit	2CCP824017R1159
EAN	7612271419929
Description courte	S804U-PVS5 High Performance MCB

Description longue

The S804U-PVS5 is a 4-pole High Performance Circuit Breaker with cage terminal and a rated current of 5A. This device is developed to meet the requirements as GFDI (Ground Fault Detection Interrupteur) in photovoltaic systems. The rated voltage is 1000V DC. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S80U-PVS5 complies with UL489B and allows the use in photovoltaics in U.S.. The extensive range of accessory makes the use of S804U-PVS5 more comfortable. Due to the fast arc extinction of S804U-PVS5 your application will be secured.

Technique

Normes et standards	UL 489B
Tripping Characteristic	B
Tension nominale (U_r)	acc. to UL489B 1000 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)	5 A
Courant nominal de fonctionnement (I_e)	5 A
Rated Short-Circuit Capacity	(230 V) 2.5 kA (400 V) 2.5 kA
Pouvoir assigné de coupure ultime en court-circuit (I_{cu})	(230 V) 4 kA (400 V) 4 kA
Rated Conditional Short-Circuit Current (I_{nc})	(230 V) 4 kA (400 V) 4 kA
Fréquence (f)	0...0 Hz
Fréquence assignée (f)	0 Hz
Power Loss	7.2 W at Rated Operating Conditions per Pole 1.8 W
Contact Position Indication	ON / OFF / TRIP
Classe de limitation d'énergie	3
Number of Protected Poles	4
Nombre de pôles	4
Catégorie de Surtension	IV
Couple de serrage	3.5 N·m
Type de libération	B
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	3
Statut RoHS	Following EU Directive 2011/65/EU
Informations RoHS	2CCC413009D0201 9AKK107680A3903
Informations environnementales	2CCY413207D0203
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Technique UL/CSA

Interrupting Rating acc. to	(1000 V DC) 3 kA
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UL489

Short-Circuit Current Rating (SCCR)	(1000 V DC) 3 kA
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Dimensions

Width in Number of Modular Spacings	6
Produit Largeur Net	108 mm
Produit Hauteur Net	142 mm
Produit Longueur Net	82.5 mm
Poids net	980 g
Profondeur d'encastrement (t ₂)	82.5 mm

Commande

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Poids	1010 g

Certificats et Déclarations (Numéro de document)

Déclaration de Conformité - CE	2CCC413009D0201
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Installation

Instructions et manuels	9AKK107046A5391
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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
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

Catégories

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

