

PRODUCT-DETAILS

# S801N-C6

## S801N-C6 High Performance MCB



### Informations générales

Extension du type de produit	S801N-C6
Code de produit	2CCS891001R0064
EAN	7612271408466
Description courte	S801N-C6 High Performance MCB

Description longue	<p>The S801N-C6 is a 1-pole High Performance Circuit breaker with C-characteristic, with cage terminal and a rated current of 6 A. It is a current limiting device with a maximum breaking capacity of 36kA at 240/415V. It can be used for voltages up to 400/690V and in DC as well.</p> <p>It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S801N-C6 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 S801N-C6 more comfortable. Due to the fast arc extinction of S801N-C6 your application will be secured.</p>
--------------------	---

### Technique

Normes et standards	IEC/EN 60947-2, IEC/EN 60898-1
Tripping Characteristic	C
Tension nominale ( $U_r$ )	acc. to IEC 60947-2 400 V AC acc. to IEC 60947-2 125 V DC acc. to IEC 60898-1 230/400 V AC
Tension	acc. to IEC 60898-1 230 V

Tension assignée d'isolement ( $U_i$ )	acc. to IEC/EN 60664-1 690 V
Tension assignée de tenue aux chocs ( $U_{imp}$ )	8 kV
Type de tension	AC/DC
Courant nominal ( $I_n$ )	6 A
Courant nominal de fonctionnement ( $I_e$ )	6 A
Rated Short-Circuit Capacity	(230 V) 20 kA (400 V) 20 kA
Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )	(400 V) 36 kA (400 V) 240V  4.5 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(230 V) 36 kA (400 V) 36 kA
Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ )	(240 / 415 V AC) 30 kA (254 / 440 V AC) 15 kA (400 / 690 V AC) 3 kA (125 V DC) 20 kA
Fréquence (f)	50...60 Hz
Fréquence assignée (f)	50/60 Hz
Power Loss	1.8 W at Rated Operating Conditions per Pole 1.8 W
Contact Position Indication	ON / OFF / TRIP
Classe de limitation d'énergie	3
Electrical Endurance	10000 cycle
Mechanical Endurance	10000 cycle
Number of Protected Poles	1
Nombre de pôles	1
Catégorie de Surtension	IV
Couple de serrage	3.5 N·m 31 in·lb
Type de libération	C
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 <sup>2</sup> Rigid 0 ... 70 mm <sup>2</sup>
Type de borne	Screw Terminals

---

## Environnement

---

Température extérieure	-25...60 °C
Température de l'air ambiant	Operation -25 ... 60 °C
Reference Ambient Air Temperature	acc. to IEC60947-2 30 °C acc. to EN60898-1 30 °C
Indice de protection	IP20
Degré de pollution	3
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 2CCC005083D0202
Informations environnementales	2CCY413207D0203
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

---



---

## Dimensions

---

Width in Number of Modular Spacings	1.5
Produit Largeur Net	27 mm
Produit Hauteur Net	95 mm
Produit Longueur Net	82.5 mm
Poids net	245 g
Profondeur d'encastrement (t <sub>2</sub> )	82.5 mm

---



---

## Commande

---

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Poids	270 g

---



---

## Certificats et Déclarations (Numéro de document)

---

Déclaration de Conformité - CE	2CCC005083D0202
--------------------------------	-----------------

---



---

## Installation

---

Instructions et manuels	2CCC413016M0008
-------------------------	-----------------

---



---

## Downloads Préférés

---

Fiche produit, informations  
techniques

2CCC413003C0208

---

## 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

