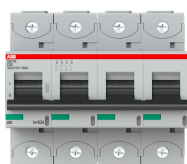


PRODUCT-DETAILS

S804N-C80

S804N-C80 High Performance MCB



Informations générales

Extension du type de produit	S804N-C80
Code de produit	2CCS894001R0804
EAN	7612271204730
Description courte	S804N-C80 High Performance MCB

Description longue	The S804N-C80 is a 4-pole High Performance Circuit breaker with C-characteristic, with cage terminal and a rated current of 80 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. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S804N-C80 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 S804N-C80 more comfortable. Due to the fast arc extinction of S804N-C80 your application will be secured.
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Technique

Normes et standards	IEC/EN 60947-2, IEC/EN 60898-1
Tripping Characteristic	C
Type of Residual Current	standard version
Tension nominale (U_n)	acc. to IEC 60947-2 690 V AC acc. to IEC 60947-2 500 V DC acc. to IEC 60898-1 400 V AC
Tension	acc. to IEC 60947-2 690 V AC acc. to IEC 60947-2 500 V DC

	acc. to IEC 60898-1 400 V AC
Operational Voltage	Maximum 230/400 V AC Minimum 12 V AC
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)	80 A
Rated Operational Current (I_e)	80 A
Rated Short-Circuit Capacity (I_{cn})	(400 V) 20 kA (230 V) 20 kA
Pouvoir assigné de coupure ultime en court-circuit (I_{cu})	(240 / 415 V AC) 36 kA (254 / 440 V AC) 20 kA (400 / 690 V AC) 4.5 kA (500 V DC) 20 kA (230 V) 36 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	25.6 W at Rated Operating Conditions per Pole 6.4 W
Contact Position Indication	ON / OFF / TRIP
Classe de limitation d'énergie	3
Electrical Endurance	6000 cycle 4000 cycle
Nombre de pôles	4
Number of Protected Poles	4
Catégorie de Surtension	IV
Tightening Torque	3.5 N·m 31 in·lb
Release Type	C
Actuator Marking	I / O
Qualité du matériau	Insulation group I, RAL 7035
Mounting on DIN Rail	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
Remarks	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
Connecting Capacity	Rigid 0 ... 50 mm² Flexible 0 ... 70 mm²
Terminal Type	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
Resistance to Shock acc. to IEC 60068-2-27	5 g 30 ms
RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	2CCY413207D0203

Dimensions

Width in Number of Modular Spacings	6
Produit Largeur Net	106 mm
Produit Hauteur Net	95 mm
Produit Longueur Net	82.5 mm
Poids net	980 g
Produit Longueur Net	108 mm
Taille	4 modules
Profondeur d'encastrement (t ₂)	82.5 mm

Emballage

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Largeur	105 mm
Emballage Niveau 1 Hauteur	99 mm
Emballage Niveau 1 Longueur	111 mm
Emballage Niveau 1 Poids	1010 g
Emballage Niveau 1 EAN	7612271204730

Commande

Quantité minimum	1 pièce
Code douanier	85362090
Pays d'origine	Switzerland (CH)

Certificats et Déclarations (Numéro de document)	
Déclaration de Conformité - CE	2CCC005083D0202
Environmental Information	2CCY413207D0203
Instructions et manuels	2CCC413016M0008
RoHS Information	2CCC005083D0202, 9AKK107680A3903

Downloads Préférés	
Fiche produit, informations techniques	2CCC413003C0208
Instructions et manuels	2CCC413016M0008
Dimension Diagram	2CCC413003C0201

Classifications	
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
EPLAN Catalog Tree	Electrical engineering / Protection devices / General
Catégorie DEEE	5. Small Equipment (No External Dimension More Than 50 cm)
DEEE B2C / B2B	Business To Business
CN8	85362020
Object Classification Code	F

Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Disjoncteurs ≤125A S800/S500

