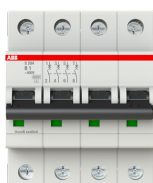


PRODUCT-DETAILS

S204-B1

S204-B1 Miniature Circuit Breaker - 4P - B - 1 A



Informations générales

Extension du type de produit	S204-B1
Code de produit	2CDS254001R0015
EAN	4016779926621
Description courte	S204-B1 Miniature Circuit Breaker - 4P - B - 1 A

Description longue

System pro M compact S200 miniature circuit breakers are current limiting. They have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (B,C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 6 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200 comply with IEC/EN 60898-1, IEC/EN 60947-2, UL1077 allowing the use for residential, commercial and industrial applications. Bottom-fitting auxiliary contact can be mounted on S200 to save 50% space.

ABB EcoSolutions

ABB EcoSolutions	Oui
------------------	-----

Circular Value

Principes du Design Circulaire - Taux de	Concu pour utiliser des ressources recyclables et réutilisables - Norme EN45555 - 90 %
--	--

Recyclabilité	
Matériau Durable Constitutif	0 %
Proposé avec une durée de vie prolongée	Durabilité du produit -
Proposition de reprise	Reprendre pour recycler -

Eco Transparency

Environmental Product Declaration - EPD	9AKK108467A7832
---	-----------------

Technique

Normes et standards	IEC/EN 60898-1 IEC/EN 60947-2 UL 1077
Tripping Characteristic	B
Tension	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 440 V AC
Operational Voltage	Maximum (Incl. Tolerance) 440 V AC
Tension assignée d'isolement (U_i)	acc. to IEC/EN 60664-1 440 V
Tension assignée de tenue aux chocs (U_{imp})	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Dielectric Test Voltage	50/60 Hz, 1 min: 2 kV
Type de tension	AC/DC
Courant nominal (I_n)	1 A
Rated Short-Circuit Capacity	(400 V AC) 6 kA
Pouvoir assigné de coupure ultime en court-circuit (I_{cu})	(230 V AC) 20 kA (400 V AC) 10 kA (440 V AC) 10 kA
Rated Conditional Short-Circuit Current (I_{nc})	(230 V) 20 kA (400 V) 20 kA
Pouvoir assigné de coupure de service en court-circuit (I_{cs})	(230 V AC) 15 kA (400 V AC) 7.5 kA (440 V AC) 7.5 kA
Fréquence assignée (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 1.4 W
Power Supply Connection	Arbitrary
Contact Position Indication	Red ON / Green OFF
Classe de limitation d'énergie	3
Electrical Endurance	20000 AC cycle
Mechanical Endurance	20000 cycle
Nombre de pôles	4
Number of Protected Poles	4

Catégorie de Surtension	III
Couple de serrage	2.8 N·m
Type de montage	DIN-Rail
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking	I / O
Actuator Material	Insulation Group II, Black, Sealable
Qualité du matériau	Insulation Group II, 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
Connecting Capacity	Busbar 10 / 10 mm ² Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ²
Wire Stripping Length	12.5 mm
Type de borne	Screw Terminals

Environnement

Température de l'air ambiant	Operation -25 ... +55 °C Storage -40 ... +70 °C
Indice de protection	IP20 Enclosure with Cover IP40
Degré de pollution	3
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations acc. to IEC 60068-2-6	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Résistance aux chocs selon CEI 60068-2-27	25g 2 shocks 13 ms
Statut RoHS	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Informations RoHS	2CDK403001D0607
REACH Declaration	9AKK107492A1906

Technique UL/CSA

Maximum Operating Voltage UL/CSA	110 V DC 480Y/277 V AC
Interrupting Rating acc. to UL1077	(277 V AC) 6 kA (480Y / 277 V AC) 6 kA (240 V) 10 kA
Connecting Capacity UL/CSA	Busbar 18-8 AWG Conductor 18-4 AWG
Tightening Torque UL/CSA	18 in·lb

Dimensions

Width in Number of Modular Spacings	4
Produit Largeur Net	70 mm
Produit Hauteur Net	85 mm
Produit Longueur Net	69 mm
Poids net	0.46 kg
Pole Net Weight	0.125 kg
Profondeur d'encastrement (t ₂)	69 mm
Schéma dimensionnel	2CDC022007F0010

Commande

Quantité minimum	1 pièce
Emballage Niveau 1 Unités	carton 1 pièce
Emballage Niveau 1 Poids	0.48 kg

Certificats et Déclarations (Numéro de document)

Agence de certification	EN IEC UL
Déclaration de Conformité - CE	2CDK403001D0607
Declaration of Conformity - UKCA	9AKK108467A5053
I ^{pt} Characteristic	9AKK107992A5102

Installation

Instructions et manuels	2CDS207104P0002
-------------------------	-----------------

Popular Downloads

Fiche produit, informations techniques	9AKK107991A8329
I ^{pt} Characteristic	9AKK107992A5102

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)
DEEE B2C / B2B	Business To Business
CN8	8536 20 10

UNSPSC	39121603
eClass	V11.0 : 27141901
Code de catégorie granulaire IDEA (IGCC)	4897 >> Miniature circuit breakers
Code de classification d'objet	F

Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Miniature Circuit Breakers MCBs → Disjoncteurs ≤63A SN201/S200

