

PRODUCT-DETAILS

# F204 B-63/0.03

## F204 B-63/0.03 Residual Current Circuit Breaker 4P B type 30 mA



### Informations générales

Extension du type de produit	F204 B-63/0.03
Code de produit	2CSF204568R1630
EAN	8012542342151
Description courte	F204 B-63/0.03 Residual Current Circuit Breaker 4P B type 30 mA
Description longue	The RCCBs F200 series assures protection to people and installations against fault current to earth. This product is manufactured according to international IEC standards, for the markets where it is required.

### ABB EcoSolutions

ABB EcoSolutions	Oui
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### Valeur Circulaire

Principes du Design Circulaire - Taux de Recyclabilité	Conçu pour utiliser des ressources recyclables et réutilisables - Norme EN45555 - 51,4 %
Matériau Durable Constitutif	0 %
Déchets destinés à	Aucun déchet non-dangereux mis en décharge -

l'enfouissement en décharge - Destination	
Matériau Durable constitutif des Emballages	Papier recyclé - 78 %
Amélioration de l'efficacité des ressources pour les clients	Efficacité numérique - Le produit bénéficie d'un support numérique afin d'optimiser son utilisation et, à terme, optimiser les biens et services du client -
Proposé avec une durée de vie prolongée	Durabilité du produit -
Proposition de reprise	Reprendre pour recycler -
Instructions relatives à la fin de vie	9AKK108468A4363

## Eco Transparence

Environmental Product Declaration - EPD	9AKK108467A3700
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## Technique

Normes et standards	IEC/EN 61008
Type of Residual Current	B type
Tension nominale ( $U_r$ )	230/400 V
Tension	230 / 400 V AC
Tension assignée d'isolement ( $U_i$ )	440 V
Test Voltage ( $U_t$ )	170-253 V AC
Tension assignée de tenue aux chocs ( $U_{imp}$ )	4 kV
Dielectric Test Voltage	2500 V
Type de tension	AC
Courant nominal ( $I_n$ )	63 A
Rated Residual Current	30 mA
Rated Residual Breaking Capacity ( $I_{\Delta m}$ )	1 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(Typ gG/gLfuse, 500 V) 100 A Selective MCB S750-E 63A or S750DR-E/K 100 A
Impulse Current	I (max, 8 / 20 $\mu$ s) 3000 A
Maximum Surge Current	3 kA
Fréquence assignée (f)	50 ... 60 Hz
Power Loss	15.6 W
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Nombre de pôles	4
Number of Modular Spacings per DIN Rail	4
Operating Characteristic	Instantaneous (APR High Immunity)
Catégorie de Surtension	III
Position of Neutral Terminals	Right

Couple de serrage	2.8 N·m
Délai (T)	10 ms
Type d'accessoire	Auxiliary contact, Signal contact/auxiliary contact, Shunt trip, Undervoltage release, Overvoltage release, Motor operating device, Auto reclosing unit
Type de montage	DIN-Rail
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Options Provided	None
Type d'encastrement	Any
Accessories Available	Oui
Nombre de batteries	0
Cable Size	25 mm <sup>2</sup>
Connecting Capacity	Busbar 10 mm <sup>2</sup> Flexible 1 ... 25 mm <sup>2</sup> Stranded 1 ... 25 mm <sup>2</sup>
Section nominale	1 - Solid-Core 1 ... 25 mm <sup>2</sup>
Wire Stripping Length	12 mm
Type de borne	Screw Terminals

## Environnement

Température de l'air ambiant	Operation -25 ... +70 °C
Indice de protection	Housing IPX4 Terminals IP2X
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	0.1 mm or 1 g - 20 cycles at 5...150...5 Hz
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	9AKK106713A5610
REACH Declaration	9AKK108467A9482
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## 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	0.38 kg
Profondeur d'encastrement (t <sub>2</sub> )	69.5 mm

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## Commande

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Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Poids	0.415 kg
E-Number (Finland)	3214070
E-Number (Sweden)	2160158

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## Certificats et Déclarations (Numéro de document)

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Déclaration de Conformité - CE	9AKK106713A5610
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## Installation

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Instructions et manuels	9AKK107992A0195
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## Downloads Préférés

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Fiche produit, informations techniques	9AKK107991A7569
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## Classifications

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ETIM 8	EC000003 - Residual current circuit breaker (RCCB)
ETIM 9	EC000003 - Residual current circuit breaker (RCCB)
Catégorie DEEE	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363030
eClass	V11.0 : 27142201
Code de classification d'objet	F

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## Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200912R0001	S2C-H6R Auxiliary Contact	S2C-H6R	2	piece
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/H6R	2	piece
2CDS200946R0001	S2C-H6-11R Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0003	S2C-H6-02R Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200946R0002	S2C-H6-20R Auxiliary Contact	S2C-H6-20R	1	piece
2CSS200933R0011	F2C-A1 Shunt trip	F2C-A1	1	piece
2CSS200933R0012	F2C-A2 Shunt trip	F2C-A2	1	piece
2CSS200911R0005	S2C-UA 230 AC Undervoltage Release	S2C-UA 230 AC	1	piece
2CSS200911R0007	S2C-UA 24 DC Undervoltage Release	S2C-UA 24 DC	1	piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage Release	S2C-UA 24 AC	1	piece
2CSS200911R0008	S2C-UA 48 DC Undervoltage Release	S2C-UA 48 DC	1	piece
2CSS200911R0004	S2C-UA 110 AC Undervoltage Release	S2C-UA 110 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Undervoltage Release	S2C-UA 400 AC	1	piece
2CSS200911R0001	S2C-UA 12 DC Undervoltage Release	S2C-UA 12 DC	1	piece
2CSS200911R0010	S2C-UA 230 DC Undervoltage Release	S2C-UA 230 DC	1	piece
2CSS200911R0009	S2C-UA 110 DC Undervoltage Release	S2C-UA 110 DC	1	piece
2CSS200911R0003	S2C-UA 48 AC Undervoltage Release	S2C-UA 48 AC	1	piece
2CSS200910R0005	S2C-OVP1 Overvoltage release	S2C-OVP1	1	piece
2CSS200993R0005	S2C-OVP2 Overvoltage release	S2C-OVP2	1	piece
2CSF200997R0013	F2C-CM Motor operating device	F2C-CM	1	piece
2CSF200996R0013	F2C-ARI Auto-reclosing unit	F2C-ARI	1	piece

## Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Protection différentielle → Interrupteurs différentiels

