

PRODUCT-DETAILS

# F204 A-40/0.5-L

## F204 A-40/0.5-L Residual Current Circuit Breaker 4P A type 500 mA



### Informations générales

|                              |                                                                                                                                                                                                                                                                                                                      |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension du type de produit | F204 A-40/0.5-L                                                                                                                                                                                                                                                                                                      |
| Code de produit              | 2CSF204123R4400                                                                                                                                                                                                                                                                                                      |
| EAN                          | 8012542821106                                                                                                                                                                                                                                                                                                        |
| Description courte           | F204 A-40/0.5-L Residual Current Circuit Breaker 4P A type 500 mA                                                                                                                                                                                                                                                    |
| Description longue           | The RCCBs F200 series assures protection to people and installations against fault current to earth. A large offer for standard instantaneous and selective AC and A types is completed with some configurations for special applications. This product is suitable for installations where neutral on the left is . |

### ABB EcoSolutions

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

### Valeur Circulaire

|                                                              |                                                                                          |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Principes du Design Circulaire - Taux de Recyclabilité       | Conçu pour utiliser des ressources recyclables et réutilisables - Norme EN45555 - 52,5 % |
| Matériau Durable Constitutif                                 | 0 %                                                                                      |
| Déchets destinés à l'enfouissement en décharge - Destination | Aucun déchet non-dangereux mis en décharge -                                             |

|                                                                    |                                                                                                                                                                 |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Matériau Durable<br>constitutif des Emballages                     | Papier recyclé - 78 %                                                                                                                                           |
| Amélioration de l'efficacité<br>des ressources pour les<br>clients | Efficacité numérique - Le produit bénéficie d'un support numérique afin<br>d'optimiser son utilisation et, à terme, optimiser les biens et services du client - |
| Proposé avec une durée<br>de vie prolongée                         | Durabilité du produit -                                                                                                                                         |
| Proposition de reprise                                             | Reprendre pour recycler -                                                                                                                                       |
| Instructions relatives à la<br>fin de vie                          | 9AKK108468A4361                                                                                                                                                 |

## Eco Transparence

|                                            |                 |
|--------------------------------------------|-----------------|
| Environmental Product<br>Declaration - EPD | 9AKK108467A3700 |
|--------------------------------------------|-----------------|

## Technique

|                                                                           |                                                                                                    |
|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Normes et standards                                                       | IEC/EN 61008                                                                                       |
| Type of Residual Current                                                  | A type                                                                                             |
| Tension nominale ( $U_r$ )                                                | 230/400 V                                                                                          |
| Tension                                                                   | 230 / 400 V AC                                                                                     |
| Tension assignée<br>d'isolement ( $U_i$ )                                 | 500 V                                                                                              |
| Tension assignée de<br>tenue aux chocs ( $U_{imp}$ )                      | 4 kV                                                                                               |
| Type de tension                                                           | AC                                                                                                 |
| Courant nominal ( $I_n$ )                                                 | 40 A                                                                                               |
| Rated Residual Current                                                    | 500 mA                                                                                             |
| Rated Conditional Short-<br>Circuit Current ( $I_{nc}$ )                  | 10 kA                                                                                              |
| Pouvoir assigné de<br>coupure de service en<br>court-circuit ( $I_{cs}$ ) | 1 kA                                                                                               |
| Leakage Current Type                                                      | A                                                                                                  |
| Fréquence assignée (f)                                                    | 50 ... 60 Hz                                                                                       |
| Power Loss                                                                | at Rated Operating Conditions per Pole 3.2 W                                                       |
| Power Supply Connection                                                   | Arbitrary                                                                                          |
| Electrical Endurance                                                      | 10000 cycle                                                                                        |
| Nombre de pôles                                                           | 4                                                                                                  |
| Operating Characteristic                                                  | Instantaneous                                                                                      |
| Position of Neutral<br>Terminals                                          | Left                                                                                               |
| Type de montage                                                           | DIN-Rail                                                                                           |
| Options Provided                                                          | None                                                                                               |
| Accessories Available                                                     | Oui                                                                                                |
| Connecting Capacity                                                       | Busbar 10 mm <sup>2</sup><br>Rigid 25 ... 25 mm <sup>2</sup><br>Flexible 25 ... 25 mm <sup>2</sup> |
| Section nominale                                                          | 4 - Multi-Wired 0...25 mm <sup>2</sup><br>1 - Solid-Core 25...25 mm <sup>2</sup>                   |

## Environnement

|                        |             |
|------------------------|-------------|
| Température extérieure | -25...55 °C |
|------------------------|-------------|

|                                                |                                                                        |
|------------------------------------------------|------------------------------------------------------------------------|
| Température de l'air ambiant                   | Operation -25...55 °C                                                  |
| Indice de protection                           | IP2X                                                                   |
| Degré de pollution                             | 2                                                                      |
| 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                              | 9AKK106713A5602                                                        |
| REACH Declaration                              | 9AKK108467A9482                                                        |
| Informations environnementales                 | Refer to RoHS                                                          |
| Conflict Minerals Reporting Template (CMRT)    | 9AKK108468A3363                                                        |

## Technique UL/CSA

|                                     |        |
|-------------------------------------|--------|
| Short-Circuit Current Rating (SCCR) | 500 mA |
|-------------------------------------|--------|

## Dimensions

|                                             |          |
|---------------------------------------------|----------|
| Width in Number of Modular Spacings         | 4        |
| Produit Largeur Net                         | 0.070 m  |
| Produit Hauteur Net                         | 0.085 m  |
| Produit Longueur Net                        | 0.069 m  |
| Poids net                                   | 0.360 kg |
| Profondeur d'encastrement (t <sub>2</sub> ) | 69 mm    |

## Commande

|                           |             |
|---------------------------|-------------|
| Emballage Niveau 1 Unités | box 1 pièce |
| Emballage Niveau 1 Poids  | 0.415 kg    |
| E-Number (Sweden)         | 2160170     |

## Certificats et Déclarations (Numéro de document)

|                                |                 |
|--------------------------------|-----------------|
| Déclaration de Conformité - CE | 9AKK106713A5602 |
|--------------------------------|-----------------|

## Installation

|                         |                 |
|-------------------------|-----------------|
| Instructions et manuels | 9AKK107991A6127 |
|-------------------------|-----------------|

## Downloads Préférés

|                                        |                 |
|----------------------------------------|-----------------|
| Fiche produit, informations techniques | 9AKK107991A8329 |
|----------------------------------------|-----------------|

## Classifications

|                                |                                                            |
|--------------------------------|------------------------------------------------------------|
| 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                                                          |

## Accessories

| Identifiant     | 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

