

PRODUCT-DETAILS

VY32C02

VY32C02 Miniature Circuit Breaker



Informations générales

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|------------------------------|---|
| Extension du type de produit | VY32C02 |
| Code de produit | 2CDS232089R0024 |
| EAN | 4053546098327 |
| Description courte | VY32C02 Miniature Circuit Breaker |
| Description longue | VY30 ABB VY miniature circuit breakers are current limiting, allowing protection of the circuit against overcurrents (overloads and short circuit). They are available in C characteristics, different configurations (2P,3P,3P+N) and 3kA breaking capacity at 230/400V AC and rated current up to 63A complying IEC/EN 60898-1 Standard. Accessoriable range displaying the fork slot access on top/bottom sides. |

Technique

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|---|---|
| Normes et standards | IEC/EN 60898-1 |
| Tripping Characteristic | C |
| Tension | acc. to IEC 60898-1 400 V |
| Operational Voltage | Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC / 12 V DC |
| Tension assignée d'isolement (U_i) | acc. to IEC/EN 60664-1 440 V Phase to Phase 440 V |
| Tension assignée de tenue aux chocs (U_{imp}) | 4 kV at 2000 m 5 kV |

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|---|---|
| | at Sea Level 6.2 kV |
| Dielectric Test Voltage | 50/60 Hz, 1 min: 2 kV |
| Type de tension | AC |
| Courant nominal (I_n) | 2 A |
| Rated Short-Circuit Capacity | (400 V AC) 3 kA (400 V) 3 kA |
| Fréquence assignée (f) | 50 / 60 Hz |
| Power Loss | 3.6 W at Rated Operating Conditions per Pole 1.8 W |
| Contact Position Indication | Red ON / Green OFF |
| Classe de limitation d'énergie | 3 |
| Electrical Endurance | 20000 AC cycle |
| Mechanical Endurance | 20000 cycle |
| Number of Protected Poles | 2 |
| Nombre de pôles | 2 |
| Number of Modular Spacings per DIN Rail | 2 |
| Catégorie de Surtension | III |
| Couple de serrage | 2 N·m |
| Actuator Type | Toggle |
| Type de montage | DIN-Rail |
| Screw Terminal Type | Failsafe Biconnect Fork Top/Bottom |
| Actuator Marking | Red ON / Green OFF |
| Qualité du matériau | Insulation Group II, RAL 7035 |
| Type d'encastrement | any |
| Recommended Screw Driver | Pozidriv 2 |
| Accessories Available | Oui |
| Connecting Capacity | Busbar 10 ... 16 mm ² Busbar Fork 10 / 16mm ² mm ² Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 35 mm ² Rigid 0.75 ... 35 mm ² Solid 0.75 ... 35 mm ² |
| Wire Stripping Length | 12.5 mm |
| Type de bornes | Screw Terminals |

Environnement

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|--|---|
| 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

Conflict Minerals Reporting Template (CMRT) 9AKK108468A3363

Dimensions

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|---|----------|
| Width in Number of Modular Spacings | 2 |
| Produit Largeur Net | 35 mm |
| Produit Hauteur Net | 88 mm |
| Produit Longueur Net | 69 mm |
| Poids net | 0.25 kg |
| Pole Net Weight | 0.125 kg |
| Profondeur d'encastrement (t ₂) | 69 mm |

Commande

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|---------------------------|----------------|
| Emballage Niveau 1 Unités | carton 5 pièce |
| Emballage Niveau 1 Poids | 1.3 kg |

Certificats et Déclarations (Numéro de document)

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|--------------------------------|-----------------|
| Déclaration de Conformité - CE | 9AKK108468A4415 |
|--------------------------------|-----------------|

Classifications

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| 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 |

Accessories

| Identifiant | Description | Type | Quantity | Unit Of Measure |
|-----------------|--------------------------------------|---------------|----------|-----------------|
| 2CDS200922R0001 | S2C-S/H6R Signal / Auxiliary Contact | S2C-S/H6R | 2 | piece |
| 2CDS200912R0001 | S2C-H6R Auxiliary Contact | S2C-H6R | 2 | piece |
| 2CDS200909R0001 | S2C-A1 Shunt Trip | S2C-A1 | 1 | piece |
| 2CDS200909R0002 | S2C-A2 Shunt Trip | S2C-A2 | 1 | piece |
| 2CSS200911R0005 | S2C-UA 230 AC Undervoltage Release | S2C-UA 230 AC | 1 | piece |
| 2CSS200911R0010 | S2C-UA 230 DC Undervoltage Release | S2C-UA 230 DC | 1 | piece |
| 2CSS200911R0003 | S2C-UA 48 AC Undervoltage Release | S2C-UA 48 AC | 1 | piece |
| 2CSS200911R0008 | S2C-UA 48 DC Undervoltage Release | S2C-UA 48 DC | 1 | piece |
| 2CSS200911R0002 | S2C-UA 24 AC Undervoltage Release | S2C-UA 24 AC | 1 | piece |
| 2CSS200911R0007 | S2C-UA 24 DC Undervoltage Release | S2C-UA 24 DC | 1 | piece |
| 2CSS200911R0001 | S2C-UA 12 DC Undervoltage Release | S2C-UA 12 DC | 1 | piece |

Catégories

Produits basse tension → Appareillage modulaire et parafoudres → ABB VY → MCB ABB VY DS → VY30 ABB VY

