

PRODUCT-DETAILS

XT1S 160 TMD 160-1600 4p F F InN=100%

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### Informations générales

|                              |   |
|------------------------------|---|
| Extension du type de produit | XT1S 160 TMD 160-1600 4p F F InN=100%   |
| Code de produit              | 1SDA067446R1  |
| EAN                          | 8015644013400   |
| Description courte           | XT1S 160 TMD 160-1600 4p F F InN=100%   |
| Description longue           | DISJONCTEUR TMAX XT1S 160 FIXE TETRAPOLAIRE AVEC PRISES AVANT ET DECLANCHEURS THERMOMAGNETIQUES TMD R 160-1600 A NEUTRE = FASES |

### ABB EcoSolutions

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

### Valeur Circulaire

|  |  |
|--|--|
| Principes du Design Circulaire - Taux de Recyclabilité | Conçu pour utiliser des ressources recyclables et réutilisables - Norme EN45555 - 55.9 % |
| Conflict Minerals Reporting Template (CMRT)            | 9AKK108467A5658  |
| Instructions relatives à la                            | 9AKK108468A2347  |

fin de vie

|  |   |
|--|---|
| Déchets destinés à l'enfouissement en décharge - Destination | UL 2799 Zero Waste To Landfill Validation available |
| Toxic Substances Control Act - TSCA                          | 9AKK108467A8326                                     |

Eco Transparence

|   |                                    |
|---|------------------------------------|
| Environmental Product Declaration - EPD | 9AKK108468A1890<br>9AKK108468A7793 |
|---|------------------------------------|

Environnement

|                                |  |
|--------------------------------|--|
| Informations environnementales | 9AKK108467A6707  |
| REACH Declaration              | 9AKK108466A1425  |
| Informations RoHS              | 9AKK108466A1424  |
| Statut RoHS                    | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019   |
| SCIP                           | 174b6a1b-1042-4cc6-b0d0-c49c8fc08cf7 Italy (IT)  |
| SCIP simplifié                 | 8032d37e-aff3-4b26-86d8-37f6ff0bc697 Bulgaria (BG)<br>26dd583e-1481-46e1-9afd-48aa6e7597c2 Sweden (SE)<br>c15c23b6-88e0-42d3-805d-d121b930ec9d Poland (PL)<br>350ca7b9-c295-488e-99ef-c114ea4df9b8 France (FR)<br>8b7f734f-c764-46dc-8bea-09d8405a5e7d Poland (PL)<br>bba30614-4c08-4680-ac1f-f67175c6554d Norway (NO)<br>1a33e711-e8d7-49f1-8179-84e33f209c66 Finland (FI)<br>e4882cba-8332-4e09-9aaa-521a759a75c6 Netherlands (NL)<br>b736d1c7-9e1b-4b4e-85a4-b641b29075c8 Germany (DE)<br>c9e47f08-cff0-4329-88cf-ddd5723c58dc Denmark (DK)<br>d4593e07-4380-43a2-b9c6-b479d2ee6a4e Germany (DE)<br>35085d34-2859-488f-a474-b1f513790e37 Croatia (HR)<br>57d4c753-07ad-4a91-b8ac-68ae96734b28 Czech Republic (CZ)<br>3fb29871-0f2f-4eb0-8afe-8b50a2638f2b Poland (PL)<br>f275cda3-7c3d-4b5d-ad14-7b507702b8e0 Netherlands (NL)<br>e44cb108-242e-4354-99bc-b2513e8a3911 Netherlands (NL)<br>0d9c9bf6-c9ad-4cc2-9acc-aed32f48d6a7 Estonia (EE)<br>c15c23b6-88e0-42d3-805d-d121b930ec9d Poland (PL)<br>350ca7b9-c295-488e-99ef-c114ea4df9b8 France (FR)<br>58410615-e8e8-438f-8f96-f39e5efc9202 Sweden (SE)<br>84b7f6c1-8644-4402-b8f1-756037856f46 Germany (DE)<br>a33b3bce-5bc7-44bc-ae79-d6e655f2d8c3 Germany (DE)<br>6589f998-c7f5-4ba4-ba36-10ed7d10d826 France (FR)<br>a6fe89cf-5bbd-4a28-b023-564cd68d0b54 Netherlands (NL)<br>8e96c5b5-1b7a-4b2c-8109-ccb908491617 Spain (ES)<br>8b7f734f-c764-46dc-8bea-09d8405a5e7d Poland (PL)<br>bba30614-4c08-4680-ac1f-f67175c6554d Norway (NO)<br>1a33e711-e8d7-49f1-8179-84e33f209c66 Finland (FI)<br>a6fe89cf-5bbd-4a28-b023-564cd68d0b54 Netherlands (NL)<br>8e96c5b5-1b7a-4b2c-8109-ccb908491617 Spain (ES)<br>3bb1c510-9ce2-49d8-92ba-5728ebf5cf81 Netherlands (NL)<br>8032d37e-aff3-4b26-86d8-37f6ff0bc697 Bulgaria (BG)<br>26dd583e-1481-46e1-9afd-48aa6e7597c2 Sweden (SE)<br>3bb1c510-9ce2-49d8-92ba-5728ebf5cf81 Netherlands (NL)<br>562131dd-f090-4955-8a8e-b7432287cff8 Greece (GR)<br>5f26f044-4b6e-4be6-ae3e-2e98f84cf374 Portugal (PT)<br>58410615-e8e8-438f-8f96-f39e5efc9202 Sweden (SE)<br>84b7f6c1-8644-4402-b8f1-756037856f46 Germany (DE)<br>a33b3bce-5bc7-44bc-ae79-d6e655f2d8c3 Germany (DE)<br>6589f998-c7f5-4ba4-ba36-10ed7d10d826 France (FR)<br>e4882cba-8332-4e09-9aaa-521a759a75c6 Netherlands (NL)<br>b736d1c7-9e1b-4b4e-85a4-b641b29075c8 Germany (DE) |

c9e47f08-cff0-4329-88cf-ddd5723c58dc Denmark (DK)  
 d4593e07-4380-43a2-b9c6-b479d2ee6a4e Germany (DE)  
 35085d34-2859-488f-a474-b1f513790e37 Croatia (HR)  
 57d4c753-07ad-4a91-b8ac-68ae96734b28 Czech Republic (CZ)  
 3fb29871-0f2f-4eb0-8afe-8b50a2638f2b Poland (PL)  
 f275cda3-7c3d-4b5d-ad14-7b507702b8e0 Netherlands (NL)  
 e44cb108-242e-4354-99bc-b2513e8a3911 Netherlands (NL)  
 0d9c9bf6-c9ad-4cc2-9acc-aed32f48d6a7 Estonia (EE)  
 562131dd-f090-4955-8a8e-b7432287cff8 Greece (GR)  
 5f26f044-4b6e-4be6-ae3e-2e98f84cf374 Portugal (PT)

## Commande

|                          |                    |
|--------------------------|--------------------|
| Order Code US and Canada | XT1SE4160AFF000XXX |
| EAN                      | 8015644013400      |
| Quantité minimum         | 1 pièce            |
| Code douanier            | 85362090           |

## Dimensions

|                      |          |
|----------------------|----------|
| Produit Largeur Net  | 101.6 mm |
| Produit Hauteur Net  | 130 mm   |
| Produit Longueur Net | 70 mm    |
| Poids net            | 1.4 kg   |

## Emballage

|                             |               |
|-----------------------------|---------------|
| Emballage Niveau 1 Unités   | box 1 pièce   |
| Emballage Niveau 1 Largeur  | 128 mm        |
| Emballage Niveau 1 Hauteur  | 135 mm        |
| Emballage Niveau 1 Longueur | 143 mm        |
| Emballage Niveau 1 Poids    | 1.504 kg      |
| Emballage Niveau 1 EAN      | 8015644013400 |

## Informations Supplémentaires

|                                       |                                    |
|---------------------------------------|------------------------------------|
| Circuit Breaker Type to be Associated | Power Distribution                 |
| Connecting Capacity Main Circuit      | Busbar 45.5 ... 80 mm <sup>2</sup> |
| Type de courant                       | AC/DC                              |
| Electrical Durability                 | 120 cycles per hour<br>8000 cycle  |
| Durabilité mecanique                  | 240 cycles per hour<br>25000 cycle |
| Nombre de pôles                       | 4                                  |
| Opening Time                          | CB with SOR 15 ms                  |

|   |  |
|---|--|
|   | CB with UVR 15 ms  |
| Quantité  | 1 pièce  |
| Power Loss  | at Rated Operating Conditions per Pole 15 W  |
| Groupe de produit   | SACE Tmax XT   |
| Type de produit   | Moulded Case Circuit Breaker   |
| Type de produit   | Automatic Circuit Breaker  |
| Courant nominal ( $I_n$ )   | 160 A  |
| Fréquence assignée (f)  | 50 / 60 Hz   |
| Tension nominale ( $U_r$ )  | 690 V  |
| Tension assignée de tenue aux chocs ( $U_{imp}$ )                   | 8 kV   |
| Courant assigné instantané de réglage de court-circuit ( $I_i$ )    | 1600 A   |
| Tension assignée d'isolement ( $U_i$ )                              | 800 V  |
| Tension   | 690 V AC<br>500 V DC   |
| Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ ) | (220 V AC) 63.75 kA<br>(230 V AC) 63.75 kA<br>(240 V AC) 63.75 kA<br>(380 V AC) 50 kA<br>(415 V AC) 37.5 kA<br>(440 V AC) 25 kA<br>(500 V AC) 18 kA<br>(525 V AC) 17.5 kA<br>(690 V AC) 5 kA<br>(250 V DC) 2 Poles in Series 50 kA<br>(500 V DC) 3 Poles in Series 50 kA |
| Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )     | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(240 V AC) 85 kA<br>(380 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 50 kA<br>(500 V AC) 36 kA<br>(525 V AC) 35 kA<br>(690 V AC) 8 kA<br>(250 V DC) 2 Poles in Series 50 kA<br>(500 V DC) 3 Poles in Series 50 kA              |
| Courant assigné ininterrompu ( $I_u$ )                              | 160 A  |
| Recommended Screw Driver  | Circuit principal M6   |
| Release   | TMD  |
| Type de libération  | TM   |
| Setting Range   | 112...160 A  |
| Short-Circuit Performance Level                                     | S  |
| Normes et standards   | IEC  |
| Sub-type  | XT1  |
| Terminal Connection Type  | Front  |
| Type de borne   | Bolt   |
| Couple de serrage   | 6 N·m  |
| Version   | F  |

CAD Dimensional  
Drawing

1SDH001295R0080

### Certificats et Déclarations (Numéro de document)

|  |                                    |
|--|------------------------------------|
| Certificat ATEX                        | No certification needed            |
| Fiche produit, informations techniques | 1SDC210100D0206<br>1SDC210099D0206 |
| Déclaration de Conformité - CE         | 9AKK106713A5532                    |
| Certificat GL                          | 1SDL000163R0103                    |
| Certificat LR                          | 1SDL000163R0100                    |
| Certificat UL                          | No certification needed            |
| VDE Certificate                        | No certification needed            |
| Schéma dimensionnel                    | 1SDH000719R0100                    |
| Mechanical Drawings                    | 1SDH000719R0100                    |
| Wiring Diagram                         | 1SDM000068R0001                    |
| Instructions et manuels                | 1SDH000719R0001                    |

### Classifications

|                                |  |
|--------------------------------|--|
| ETIM 7                         | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 8                         | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 9                         | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| Code de classification d'objet | Q  |
| UNSPSC                         | 39120000   |
| Catégorie DEEE                 | 5. Small Equipment (No External Dimension More Than 50 cm)                   |
| eClass                         | V11.1 : 27370409   |

### Catégories

Produits basse tension → Disjoncteurs de puissance → Disjoncteurs Boîtier Moulé → Tmax XT

