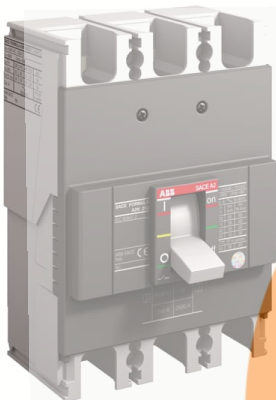




PRODUCT-DETAILS

A2N 250 TMF 160-1600 3p F F

A2N 250 TMF 160-1600 3p F F



| General Information   |                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------|
| Extended Product Type | A2N 250 TMF 160-1600 3p F F                                                                                 |
| Product ID            | 1SDA066782R1                                                                                                |
| EAN                   | 8015644006921                                                                                               |
| Catalog Description   | A2N 250 TMF 160-1600 3p F F                                                                                 |
| Long Description      | C.BREAKER FORMULA A2N 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 160-1600 A |

| Circular Value                              |                 |
|---------------------------------------------|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| Toxic Substances Control Act - TSCA         | 9AKK108467A8326 |

| Environmental             |                                    |
|---------------------------|------------------------------------|
| Environmental Information | 1SDL000183R0001<br>9AKK108467A6707 |
| REACH Declaration         | 9AKK108466A1425                    |
| RoHS Information          | 9AKK108466A1424                    |

|             |                                                                        |
|-------------|------------------------------------------------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| SCIP        | 44c87aef-8e78-445e-95e8-ea5bed857b82 Italy (IT)                        |

|                          |               |
|--------------------------|---------------|
| <b>Ordering</b>          |               |
| Order Code US and Canada | ABN160TW      |
| EAN                      | 8015644006921 |
| Minimum Order Quantity   | 1 piece       |
| Customs Tariff Number    | 85362090      |

|                            |         |
|----------------------------|---------|
| <b>Dimensions</b>          |         |
| Product Net Width          | 105 mm  |
| Product Net Height         | 150 mm  |
| Product Net Depth / Length | 60 mm   |
| Product Net Weight         | 1.38 kg |

|                                |               |
|--------------------------------|---------------|
| <b>Container Information</b>   |               |
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 162 mm        |
| Package Level 1 Height         | 120 mm        |
| Package Level 1 Depth / Length | 155 mm        |
| Package Level 1 Gross Weight   | 1.453 kg      |
| Package Level 1 EAN            | 8015644006921 |

|                                                                  |                                                                                                                           |
|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Additional Information</b>                                    |                                                                                                                           |
| Electrical Durability                                            | 4000 cycle                                                                                                                |
| Mechanical Durability                                            | 10000 cycle                                                                                                               |
| Number of Poles                                                  | 3                                                                                                                         |
| Opening Time                                                     | CB with SOR 15 ms<br>CB with UVR 15 ms                                                                                    |
| Power Loss                                                       | at Rated Operating Conditions per Pole 9 W                                                                                |
| Product Main Type                                                | SACE FORMULA                                                                                                              |
| Product Name                                                     | Moulded Case Circuit Breaker                                                                                              |
| Product Type                                                     | Automatic Circuit Breaker                                                                                                 |
| Rated Current (I <sub>n</sub> )                                  | Main Circuit 160 A                                                                                                        |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )              | 6 kV                                                                                                                      |
| Rated Insulation Voltage (U <sub>i</sub> )                       | 690 V                                                                                                                     |
| Rated Operational Voltage                                        | 550 V AC<br>250 V DC                                                                                                      |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> ) | (240 V AC) 42.5 kA<br>(380 V AC) 18 kA<br>(415 V AC) 18 kA<br>(440 V AC) 12.5 kA<br>(480 V AC) 12.5 kA<br>(500 V AC) 5 kA |

|                                                                   |                                                                                                                                                            |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                   | (250 V DC) 2 Poles in Series 18 kA                                                                                                                         |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ) | (240 V AC) 85 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 25 kA<br>(480 V AC) 25 kA<br>(500 V AC) 10 kA<br>(250 V DC) 2 Poles in Series 36 kA |
| Rated Uninterrupted Current (I <sub>u</sub> )                     | 250 A                                                                                                                                                      |
| Release                                                           | TMF                                                                                                                                                        |
| Release Type                                                      | TM                                                                                                                                                         |
| Short-Circuit Performance Level                                   | N                                                                                                                                                          |
| Standards                                                         | IEC                                                                                                                                                        |
| Sub-type                                                          | A2                                                                                                                                                         |
| Terminal Connection Type                                          | Front                                                                                                                                                      |
| Version                                                           | F                                                                                                                                                          |

Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210032D0204 |
| Declaration of Conformity - CE    | 9AKK106713A5518 |
| Wiring Diagram                    | 1SDM000067R0001 |
| Instructions and Manuals          | 1SDH000718R0001 |

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 |
| Object Classification Code | Q                                                                            |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm)                   |
| eClass                     | V11.1 : 27370409                                                             |

Categories

Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Formula DSA

