



## General Information

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|-------------------------------|---|
| <b>Extended Product Type:</b> | A2N 250 TMF 160-1600 2p F F   |
| <b>Product ID:</b>            | 1SDA066543R1  |
| <b>EAN:</b>                   | 8015644004552   |
| <b>Catalog Description:</b>   | A2N 250 TMF 160-1600 2p F F   |
| <b>Long Description:</b>      | C.BREAKER FORMULA A2N 250 FIXED TWO-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 160-1600 A |

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## Categories

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Products » Low Voltage Products and Systems » Circuit Breakers » Moulded Case Circuit Breakers » FORMULA

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## Ordering

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|--------------------------------|---------------|
| <b>EAN:</b>                    | 8015644004552 |
| <b>Minimum Order Quantity:</b> | 1 piece       |
| <b>Customs Tariff Number:</b>  | 85362090      |

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## Dimensions

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|                            |         |
|----------------------------|---------|
| <b>Product Net Width:</b>  | 70 mm   |
| <b>Product Net Height:</b> | 150 mm  |
| <b>Product Net Depth:</b>  | 60 mm   |
| <b>Product Net Weight:</b> | 0.73 kg |

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## Container Information

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|--------------------------------------|---------------|
| <b>Package Level 1 Units:</b>        | 1 piece       |
| <b>Package Level 1 Width:</b>        | 161.5 mm      |
| <b>Package Level 1 Height:</b>       | 92 mm         |
| <b>Package Level 1 Length:</b>       | 99.5 mm       |
| <b>Package Level 1 Gross Weight:</b> | 0.95 kg       |
| <b>Package Level 1 EAN:</b>          | 8015644004552 |

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## Additional Information

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| <b>Electrical Durability:</b>                             | 120 cycles per hour<br>4000 cycle                                |
| <b>Mechanical Durability:</b>                             | Nr. Operations 240 cycles per hour<br>Nr. Operations 10000 cycle |
| <b>Number of Poles:</b>                                   | 2  |
| <b>Opening Time:</b>                                      | CB with SOR 15 ms<br>CB with UVR 15 ms                           |
| <b>Power Loss:</b>  | at Rated Operating Conditions per Pole 9 W                       |
| <b>Product Main Type:</b>                                 | SACE FORMULA   |
| <b>Product Name:</b>                                      | Automatic Circuit Breaker  |
| <b>Product Type:</b>                                      | CB   |
| <b>Rated Current (I<sub>n</sub>):</b>                     | 160 A  |
| <b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b> | 6 kV   |

**Rated Insulation Voltage ( $U_i$ ):** 690 V  
**Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ):** (240 V) 25 kA  
(380 V AC) 18 kA  
(415 V AC) 18 kA  
(440 V AC) 12.5 kA  
(480 V AC) 9 kA  
(500 V AC) 5 kA  
(250 V DC) 2 Poles in Series 5 kA  
**Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ):** (240 V) 50 kA  
(380 V AC) 36 kA  
(415 V AC) 36 kA  
(440 V AC) 25 kA  
(480 V AC) 18 kA  
(500 V AC) 10 kA  
(250 V DC) 2 Poles in Series 10 kA  
**Rated Uninterrupted Current ( $I_u$ ):** 250 A  
**Release Type:** TM  
**Standards:** IEC 60947  
**Sub-type:** A2  
**Terminal Connection Type:** Front  
**Version:** F

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### Certificates and Declarations (Document Number)

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**Data Sheet, Technical Information:** 9AKK105713A5945  
**Declaration of Conformity - CE:** 1SDL000158R138

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### Classifications

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**ETIM 4.0:** EC000228 - Power circuit-breaker for trafo/generator/installation prot.  
**ETIM 5.0:** EC000228 - Power circuit-breaker for trafo/generator/installation prot.  
**Object Classification Code:** Q

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