




---

 PRODUCT-DETAILS

# A3N 630 TMF 500-5000 3p F F

# A3N 630 TMF 500-5000 3p F F




---

**General Information**

|                       |   |
|-----------------------|---|
| Extended Product Type | A3N 630 TMF 500-5000 3p F F   |
| Product ID            | 1SDA066564R1  |
| EAN                   | 8015644004767   |
| Catalog Description   | A3N 630 TMF 500-5000 3p F F   |
| Long Description      | C.BREAKER FORMULA A3N 630 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 500-5000 A |

---

**Material Compliance**

|   |  |
|---|--|
| REACH Declaration                           | 9AKK108466A1425  |
| RoHS Declaration                            | 9AKK108466A1424  |
| RoHS Information                            | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019   |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658  |
| Toxic Substances Control Act - TSCA         | 9AKK108467A8326  |
| SCIP  | 5c296776-176a-4b99-b75b-317e2f13dc2e Italy   |
| Simplified SCIP                             | fa2a5242-ee83-4762-b25f-85e324f60ea7 Poland<br>d712e1f0-eb0d-4463-ac43-fde39596be1b Estonia<br>de57fc0a-bb64-4bb5-8703-18afd0d04953 Greece |

3b5572c6-d6d3-4ebe-874c-491d115c98cf Croatia  
 93b77151-52cc-4a21-93ca-f298b95b9b03 Germany  
 cdc19278-eeede-4ee0-ab8e-d56f9e24bcea Germany  
 9d642647-c9eb-4dad-99f6-b21d985e3c76 Denmark  
 b3aabb7-d774-464f-98f5-28a6a86c01c7 Sweden  
 207ecdef-6349-4ace-b9f8-4edd00d9f7fb France  
 12facbff-c733-428c-84af-a482eda8b2ba Germany  
 990f1fe1-abc1-4c7c-9f6b-481f03944514 Hungary  
 3f303ddc-bb9b-4fd2-a5a8-1569f101a588 Spain  
 5f6388ae-097f-4393-8558-15652409e5ee Belgium  
 88779175-50e9-49dc-9897-0ad18f7f2800 Germany  
 008506ec-6aba-477e-9540-e4db5bbc959b France  
 f66859c8-a550-4e61-bea1-1b1195686311 Czech Republic  
 301948a5-9402-4e19-9222-575aea7555ee Portugal  
 9e9a3350-1db9-4043-b570-ff35c10c6a83 Germany  
 5c426144-d88a-40e2-9af0-2b4398ac26c3 Poland  
 82021251-0c55-4795-a60a-487c47761a24 Poland  
 529c1aed-a978-4ba4-99bf-75946600e10d Bulgaria  
 babe1911-6cc3-4ad9-b34f-ae1713bb430a Norway  
 d460aa5c-cecf-413a-9440-d1e04f9309e4 Netherlands  
 caad674f-c6cd-4f3e-adce-1cf2d564a555 Sweden  
 7e38eb3a-a547-4315-b4b4-b87b223682db Finland  
 54744cc1-d04d-4c66-9593-257c9d7eb9e5 Hungary  
 f02d2c84-7d78-4c38-a6ef-e82a79160fc7 Belgium

**Environmental**

Environmental Information 1SDL000185R001  
 9AKK108467A6707

**Ordering**

EAN 8015644004767  
 Minimum Order Quantity 1 piece  
 Customs Tariff Number 85362090

**Dimensions**

Product Net Width 139.5 mm  
 Product Net Height 205 mm  
 Product Net Depth / Length 103.5 mm  
 Product Net Weight 4.589 kg

**Container Information**

Package Level 1 Units 1 piece  
 Package Level 1 Width 286 mm  
 Package Level 1 Height 228 mm  
 Package Level 1 Depth / Length 244 mm  
 Package Level 1 Gross Weight 4.85 kg  
 Package Level 1 EAN 8015644004767

**Additional Information**

Product Main Type SACE FORMULA  
 Product Name Moulded Case Circuit Breaker  
 Product Type Automatic Circuit Breaker  
 Version F

---

**Technical**


---

|   |  |
|---|--|
| Electrical Durability                                       | 2000 cycle   |
| Mechanical Durability                                       | 5000 cycle   |
| Number of Poles   | 3P   |
| Opening Time  | CB with SOR 15 ms<br>CB with UVR ≤25 ms  |
| Power Loss  | at Rated Operating Conditions per Pole 28.8 W  |
| Rated Current ( $I_n$ )                                     | Main Circuit 500 A   |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 6 kV   |
| Rated Insulation Voltage ( $U_i$ )                          | 690 V  |
| Rated Operational Voltage                                   | 550 V AC<br>250 V DC   |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (240 V AC) 42.5 kA<br>(380 V AC) 18 kA<br>(415 V AC) 18 kA<br>(440 V AC) 18 kA<br>(480 V AC) 12.5 kA<br>(500 V AC) 10 kA<br>(250 V DC) 2 Poles in Series 18 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (240 V AC) 85 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 36 kA<br>(480 V AC) 25 kA<br>(500 V AC) 20 kA<br>(250 V DC) 2 Poles in Series 36 kA     |
| Rated Uninterrupted Current ( $I_u$ )                       | 630 A  |
| Release   | TMF  |
| Release Type  | TM   |
| Short-Circuit Performance Level                             | N  |
| Standards   | IEC  |
| Sub-type  | A3   |
| Terminal Connection Type                                    | Front  |

---

**Certificates and Declarations**


---

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210032D0204 |
| Declaration of Conformity - CE    | 9AKK106713A5517 |
| Wiring Diagram                    | 1SDM000079R0001 |
| Instructions and Manuals          | 1SDH000747R0001 |

---

**External Classifications and Standards**


---

|                            |  |
|----------------------------|--|
| ETIM 9                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 10                    | 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

