



 PRODUCT-DETAILS

A3S 630 TMF 500-5000 3p F F

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General Information

| | |
|-----------------------|---|
| Extended Product Type | A3S 630 TMF 500-5000 3p F F |
| Product ID | 1SDA066565R1 |
| EAN | 8015644693312 |
| Catalog Description | A3S 630 TMF 500-5000 3p F F |
| Long Description | C.BREAKER FORMULA A3S 630 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 500-5000 A |

Circular Value

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

Environmental

| | |
|---------------------------|-----------------------------------|
| Environmental Information | 1SDL000185R001 9AKK108467A6707 |
| REACH Declaration | 9AKK108466A1425 |

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|------------------|--|
| RoHS Information | 9AKK108466A1424 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

Ordering

| | |
|--------------------------|---------------|
| Order Code US and Canada | ADS500TW |
| EAN | 8015644693312 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

Dimensions

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|----------------------------|----------|
| Product Net Width | 139.5 mm |
| Product Net Height | 205 mm |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight | 4.75 kg |

Container Information

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|--------------------------------|---------------|
| 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 | 8015644693312 |

Additional Information

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|---|--|
| Electrical Durability | 2000 cycle |
| Mechanical Durability | 5000 cycle |
| Number of Poles | 3 |
| Opening Time | CB with SOR 15 ms CB with UVR \leq 25 ms |
| Power Loss | at Rated Operating Conditions per Pole 28.8 W |
| Product Main Type | SACE FORMULA |
| Product Name | Moulded Case Circuit Breaker |
| Product Type | Automatic Circuit Breaker |
| 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 250 V DC |
| Rated Service Short-Circuit Breaking Capacity (I_{cs}) | (240 V AC) 50 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (480 V AC) 17.5 kA (500 V AC) 12.5 kA (250 V DC) 2 Poles in Series 25 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}) | (240 V AC) 100 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (480 V AC) 35 kA |

| | |
|---------------------------------------|--|
| | (500 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA |
| Rated Uninterrupted Current (I_U) | 630 A |
| Release | TMF |
| Release Type | TM |
| Short-Circuit Performance Level | S |
| Standards | IEC |
| Sub-type | A3 |
| Terminal Connection Type | Front |
| Version | F |

Certificates and Declarations

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

Classifications

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|----------------------------|--|
| 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

