



 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

Circular Value

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

Environmental

Environmental Information	1SDL000185R001 9AKK108467A6707
REACH Declaration	9AKK108466A1425

RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	5c296776-176a-4b99-b75b-317e2f13dc2e Italy (IT)
Simplified SCIP	fa2a5242-ee83-4762-b25f-85e324f60ea7 Poland (PL) d712e1f0-eb0d-4463-ac43-fde39596be1b Estonia (EE) de57fc0a-bb64-4bb5-8703-18afd0d04953 Greece (GR) 3b5572c6-d6d3-4ebe-874c-491d115c98cf Croatia (HR) 93b77151-52cc-4a21-93ca-f298b95b9b03 Germany (DE) cdc19278-eeed-4ee0-ab8e-d56f9e24bcea Germany (DE) 9d642647-c9eb-4dad-99f6-b21d985e3c76 Denmark (DK) b3aabb7-d774-464f-98f5-28a6a86c01c7 Sweden (SE) 207ecdef-6349-4ace-b9f8-4edd00d9f7fb France (FR) 12facbff-c733-428c-84af-a482eda8b2ba Germany (DE) 990f1fe1-abc1-4c7c-9f6b-481f03944514 Hungary (HU) 3f303ddc-bb9b-4fd2-a5a8-1569f101a588 Spain (ES) 5f6388ae-097f-4393-8558-15652409e5ee Belgium (BE) 88779175-50e9-49dc-9897-0ad18f7f2800 Germany (DE) 008506ec-6aba-477e-9540-e4db5bbc959b France (FR) f66859c8-a550-4e61-bea1-1b1195686311 Czech Republic (CZ) 301948a5-9402-4e19-9222-575aea7555ee Portugal (PT) 9e9a3350-1db9-4043-b570-ff35c10c6a83 Germany (DE) 5c426144-d88a-40e2-9af0-2b4398ac26c3 Poland (PL) 82021251-0c55-4795-a60a-487c47761a24 Poland (PL) 529c1aed-a978-4ba4-99bf-75946600e10d Bulgaria (BG) babe1911-6cc3-4ad9-b34f-ae1713bb430a Norway (NO) d460aa5c-cecf-413a-9440-d1e04f9309e4 Netherlands (NL) caad674f-c6cd-4f3e-adce-1cf2d564a555 Sweden (SE) 7e38eb3a-a547-4315-b4b4-b87b223682db Finland (FI) 54744cc1-d04d-4c66-9593-257c9d7eb9e5 Hungary (HU) f02d2c84-7d78-4c38-a6ef-e82a79160fc7 Belgium (BE)

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

Electrical Durability	2000 cycle
Mechanical Durability	5000 cycle
Number of Poles	3
Opening Time	CB with SOR 15 ms CB with UVR ≤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) 42.5 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 18 kA (480 V AC) 12.5 kA (500 V AC) 10 kA (250 V DC) 2 Poles in Series 18 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(240 V AC) 85 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (480 V AC) 25 kA (500 V AC) 20 kA (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
Version	F

Certificates and Declarations

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

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

