



PRODUCT-DETAILS

A3N 630 TMF 500-5000 4p F F InN=100%In

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General Information

Extended Product Type	A3N 630 TMF 500-5000 4p F F InN=100%In
Product ID	1SDA066572R1
EAN	8015644004842
Catalog Description	A3N 630 TMF 500-5000 4p F F InN=100%In
Long Description	C.BREAKER FORMULA A3N 630 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 500-5000 A FULLY RATED NEUTRAL

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	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	4e7d3ec8-3cd7-431e-95dd-dd8056a9292a Italy (IT)
Simplified SCIP	fdba9d77-d8ae-4078-8ab8-d0e30ee93361 Germany (DE) 7d9c021c-2d41-4e26-9f3b-cf6602e55a94 Croatia (HR) f299de1e-d0be-400c-9b4e-4a71e14ae10d Germany (DE)

b81b82ac-2f16-486a-a4f2-64bc47211817	Sweden (SE)
4e182031-9823-47d2-82f3-e66a7a2012d2	Germany (DE)
7b07eb41-82fe-422f-9e02-0533bd8ac0eb	Denmark (DK)
db8c5f18-a6e8-457a-ba65-baeb2323290c	Belgium (BE)
6fc860dd-75eb-4e61-b4f7-199f69bdeec1	Greece (GR)
cec93e25-6264-46f3-8fec-50bc33f2c78	Germany (DE)
f2df26da-a287-4412-98cd-f995cce7ccf0	France (FR)
c97af4cc-2233-49a9-bf80-8222313d3d31	Spain (ES)
8d7965a4-b227-4c1f-a860-1e7b2a3e2778	Hungary (HU)
6c277aec-3adb-48d5-aff7-015bb35b37f4	Belgium (BE)
280da499-5a85-45a2-820f-2570613de86b	France (FR)
3d231017-0a7c-47ef-a3ab-267ac775e16e	Germany (DE)
1d14cd28-8715-48ba-b001-f6b2841cb7b6	Czech Republic (CZ)
90c5ee85-d7dc-4ce0-9e75-5fd57abe6a6b	Poland (PL)
30f42318-d1bd-49f7-ba1e-c04ca26457a5	Poland (PL)
9ed6144b-44d2-412a-9c1b-56c61e4836e5	Bulgaria (BG)
4d74ad76-52f2-46fb-96cd-46caddecf6f1	Netherlands (NL)
6c758992-103a-44ac-b37b-00b8844f3ca5	Portugal (PT)
d7c39903-fdaf-4682-9af0-6a8cdcbd681d	Sweden (SE)
5671bd3b-6696-4b42-9895-63925a7ea806	Norway (NO)
09026be0-a242-4af2-8d39-5865db87e5a6	Hungary (HU)
6cc66eb8-e105-4d85-bbd4-0b7ad0d052cf	Finland (FI)
1d996aea-55a2-4bce-8e49-a54c329e9bd1	Poland (PL)
259e1c17-fef5-4f32-8172-100c15a4fa40	Estonia (EE)

Environmental

Environmental Information	1SDL000185R001 9AKK108467A6707
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Ordering

EAN	8015644004842
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	186 mm
Product Net Height	205 mm
Product Net Depth / Length	103.5 mm
Product Net Weight	6.4 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	6.5 kg
Package Level 1 EAN	8015644004842

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	4P
Opening Time	CB with SOR 15 ms 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 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

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 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

