



 PRODUCT-DETAILS

A2B 250 TMF 160-1600 3p F F

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General Information

Extended Product Type	A2B 250 TMF 160-1600 3p F F
Product ID	1SDA066549R1
EAN	8015644004613
Catalog Description	A2B 250 TMF 160-1600 3p F F
Long Description	C.BREAKER FORMULA A2B 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 160-1600 A

Circular Value

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

Environmental

Environmental Information	1SDL000183R0001 9AKK108467A6707
REACH Declaration	9AKK108466A1425

RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	36afc6a8-0a9d-45f5-97a5-a7415f6bf3a3 Italy (IT)
Simplified SCIP	5622d908-1960-4965-a484-7191de9f5735 Germany (DE) 111aca51-1f1b-4abe-9424-8f36b79cb37a Sweden (SE) d36c668a-c238-4bf0-a4e6-8d7181e0e01c Poland (PL) 6305ae79-45c6-492d-8019-064904d14895 Bulgaria (BG) cb886733-2aad-4c6b-b55a-0fd252fbad5d Portugal (PT) 7c75fc03-6ea3-49a6-8c10-3b67017ae0dd Estonia (EE) 3a9c2e6f-c659-4909-b7bb-ad1443a985e6 Greece (GR) d0e932e4-7e03-4fce-bc23-a43a8689cadb Germany (DE) a3de2129-dd0b-4cf4-a3f7-473b101e9691 Norway (NO) 0e4c43db-924a-4cf4-bf5b-3fe071ebf5b9 Poland (PL) 4c0bb66c-d9ab-43a1-97ea-c787df11e3e1 Czech Republic (CZ) c8e14b14-d566-4370-af7c-bb7867d00843 Finland (FI) e3605ee3-0a97-4fc9-8536-b0dc0cac817e France (FR) 8c05e24d-efb3-48e5-b84e-17f0d4736618 Croatia (HR) 16ff6370-343c-4641-9570-59ce34b75ca0 Denmark (DK) 38665f82-f27c-4ffe-a3e1-1983b8f2c402 Hungary (HU) c033a70d-36ab-4c82-bfda-e0a5b8d34514 France (FR) e43199fa-a39b-4387-8bfb-f7045afe346f Hungary (HU) 34a62ff9-7d14-41a5-91a9-a9553f0c06e5 Netherlands (NL) 7e4d7f1f-bc43-474f-a99b-1546b9cff5da Belgium (BE) 0412440b-6fa2-4213-b5ba-8fd5f2bb37c3 Spain (ES) 702eb3c8-a376-42d5-ad3e-c9875bcb8514 Germany (DE) 853c4f56-5df8-4eb5-9271-4e3973cf255c Germany (DE) 8c467774-6b50-4055-988b-ee1afabe7fdf Belgium (BE) 78511700-4e56-45a0-8432-7f1c1082815d Sweden (SE) 846d4388-05c6-40f6-9e25-4cce0a9d4519 Germany (DE) e0c16d99-c3ee-4c65-85d9-07be0318f1cc Poland (PL)

Ordering

Order Code US and Canada	ABB160TW
EAN	8015644004613
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	105 mm
Product Net Height	150 mm
Product Net Depth / Length	60 mm
Product Net Weight	1.383 kg

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	162 mm
Package Level 1 Height	120 mm
Package Level 1 Depth / Length	155 mm
Package Level 1 Gross Weight	1.462 kg
Package Level 1 EAN	8015644004613

Additional Information

Electrical Durability	4000 cycle
Mechanical Durability	10000 cycle
Number of Poles	3
Opening Time	CB with SOR 15 ms

	CB with UVR 15 ms at Rated Operating Conditions per Pole 9 W
Power Loss	
Product Main Type	SACE FORMULA
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	Main Circuit 160 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) 12.5 kA (380 V AC) 9 kA (415 V AC) 9 kA (440 V AC) 7.5 kA (480 V AC) 7.5 kA (500 V AC) 2.5 kA (250 V DC) 2 Poles in Series 9 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (480 V AC) 15 kA (500 V AC) 5 kA (250 V DC) 2 Poles in Series 18 kA
Rated Uninterrupted Current (I_u)	250 A
Release	TMF
Release Type	TM
Short-Circuit Performance Level	B
Standards	IEC
Sub-type	A2
Terminal Connection Type	Front
Version	F

Certificates and Declarations

Data Sheet, Technical Information	1SDC210032D0204
Declaration of Conformity - CE	9AKK106713A5518
Wiring Diagram	1SDM000067R0001
Instructions and Manuals	1SDH000718R0001

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

