



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

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	36afc6a8-0a9d-45f5-97a5-a7415f6bf3a3 Italy
Simplified SCIP	5622d908-1960-4965-a484-7191de9f5735 Germany 111aca51-1f1b-4abe-9424-8f36b79cb37a Sweden d36c668a-c238-4bf0-a4e6-8d7181e0e01c Poland

6305ae79-45c6-492d-8019-064904d14895	Bulgaria
cb886733-2aad-4c6b-b55a-0fd252fbad5d	Portugal
7c75fc03-6ea3-49a6-8c10-3b67017ae0dd	Estonia
3a9c2e6f-c659-4909-b7bb-ad1443a985e6	Greece
d0e932e4-7e03-4fce-bc23-a43a8689cadb	Germany
a3de2129-dd0b-4cf4-a3f7-473b101e9691	Norway
0e4c43db-924a-4cf4-bf5b-3fe071ebf5b9	Poland
4c0bb66c-d9ab-43a1-97ea-c787df11e3e1	Czech Republic
c8e14b14-d566-4370-af7c-bb7867d00843	Finland
e3605ee3-0a97-4fc9-8536-b0dc0cac817e	France
8c05e24d-efb3-48e5-b84e-17f0d4736618	Croatia
16ff6370-343c-4641-9570-59ce34b75ca0	Denmark
38665f82-f27c-4ffe-a3e1-1983b8f2c402	Hungary
c033a70d-36ab-4c82-bfda-e0a5b8d34514	France
e43199fa-a39b-4387-8bfb-f7045afe346f	Hungary
34a62ff9-7d14-41a5-91a9-a9553f0c06e5	Netherlands
7e4d7f1f-bc43-474f-a99b-1546b9cff5da	Belgium
0412440b-6fa2-4213-b5ba-8fd5f2bb37c3	Spain
702eb3c8-a376-42d5-ad3e-c9875bcb8514	Germany
853c4f56-5df8-4eb5-9271-4e3973cf255c	Germany
8c467774-6b50-4055-988b-ee1afabe7fdf	Belgium
78511700-4e56-45a0-8432-7f1c1082815d	Sweden
846d4388-05c6-40f6-9e25-4cce0a9d4519	Germany
e0c16d99-c3ee-4c65-85d9-07be0318f1cc	Poland

Environmental

Environmental Information	1SDL000183R0001
	9AKK108467A6707

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

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

Technical

Electrical Durability	4000 cycle
Mechanical Durability	10000 cycle
Number of Poles	3P
Opening Time	CB with SOR 15 ms CB with UVR 15 ms
Power Loss	at Rated Operating Conditions per Pole 9 W
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

Certificates and Declarations

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

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

