



PRODUCT-DETAILS

A2C 250 TMF 160-1600 3p F F

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General Information	
Extended Product Type	A2C 250 TMF 160-1600 3p F F
Product ID	1SDA066776R1
EAN	8015644006860
Catalog Description	A2C 250 TMF 160-1600 3p F F
Long Description	C.BREAKER FORMULA A2C 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	206221b2-2203-41f7-b608-0afe6da91c31 Italy
Simplified SCIP	65c00d56-258c-431e-b4ed-4a0680e45522 Germany

e1b9b308-035f-4267-9e9b-99e0f0698778	Greece
2803901e-3b96-4e5e-8f76-a5a50568d2c9	Portugal
a1097321-c720-43e4-b9f0-0b6c86d54358	Bulgaria
ffbcd65d-9d54-4bc9-8a88-66f308d08190	Poland
79c0a84e-c100-4bd0-bb1a-c04c6a9a85ce	Sweden
bb5761bc-b357-4fc1-8c67-64387dcf7620	Poland
230ec631-e1a0-44de-9fbb-9050f236b45c	Germany
c87720a3-c79d-468e-a22b-4120ccd9a284	Denmark
534392d8-5b44-4ff3-a9fb-ccc8d5ad52dd	Hungary
897c41cb-d7d1-44e1-9cc7-f67e892d79a0	Estonia
a096a9bd-d67f-474a-b051-a1c13b13d5d6	Croatia
238c0908-60f4-454d-a328-2a58ccc85987	France
149cc85a-0a11-4256-99c9-37a809284223	Norway
ed7665ab-7f12-46e0-97a2-ea174539c70a	Spain
385c708a-86e2-40e5-a559-b07d0012789f	Belgium
834694da-ca3a-4951-a809-eae1cddc3f8a	Netherlands
2f4fcefd-aa95-488b-96b3-3ea624138ce6	Hungary
530db28e-b292-44f4-9434-ba5b36e9b92f	Poland
2e2757e7-9834-49ee-92b7-eb054e9f17dd	Germany
39a66c40-3215-4d68-af4f-0ca43a6d3363	Germany
77b90d39-b6ba-4d45-8308-ad184dad8f88	France
1d84cfa5-e811-46c1-90eb-0fb037b78406	Germany
bdab6c9e-583e-430e-81cc-73e892d9f871	Finland
e33b865e-3145-4028-af01-42ab7af63bbf	Sweden
2acc9d08-2554-47ae-be3b-a68f94a0675b	Belgium
0b4b7a36-de23-4b05-95f2-e5c4e40048b8	Czech Republic

Environmental

Environmental	1SDL000183R0001
Information	9AKK108467A6707

Ordering

Order Code US and Canada	ABC160TW
EAN	8015644006860
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	1.456 kg
Package Level 1 EAN	8015644006860

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) 25 kA (380 V AC) 12.5 kA (415 V AC) 12.5 kA (440 V AC) 10 kA (480 V AC) 9 kA (500 V AC) 4 kA (250 V DC) 2 Poles in Series 12.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(240 V AC) 50 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 20 kA (480 V AC) 18 kA (500 V AC) 8 kA (250 V DC) 2 Poles in Series 25 kA
Rated Uninterrupted Current (I_u)	250 A
Release	TMF
Release Type	TM
Short-Circuit Performance Level	C
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

