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 PRODUCT-DETAILS

# A2C 250 TMF 160-1600 3p F F

## 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

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**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	206221b2-2203-41f7-b608-0afe6da91c31 Italy (IT)
Simplified SCIP	65c00d56-258c-431e-b4ed-4a0680e45522 Germany (DE)

e1b9b308-035f-4267-9e9b-99e0f0698778 Greece (GR)  
 2803901e-3b96-4e5e-8f76-a5a50568d2c9 Portugal (PT)  
 a1097321-c720-43e4-b9f0-0b6c86d54358 Bulgaria (BG)  
 ffbcd65d-9d54-4bc9-8a88-66f308d08190 Poland (PL)  
 79c0a84e-c100-4bd0-bb1a-c04c6a9a85ce Sweden (SE)  
 bb5761bc-b357-4fc1-8c67-64387dcf7620 Poland (PL)  
 230ec631-e1a0-44de-9fbb-9050f236b45c Germany (DE)  
 c87720a3-c79d-468e-a22b-4120ccd9a284 Denmark (DK)  
 534392d8-5b44-4ff3-a9fb-ccc8d5ad52dd Hungary (HU)  
 897c41cb-d7d1-44e1-9cc7-f67e892d79a0 Estonia (EE)  
 a096a9bd-d67f-474a-b051-a1c13b13d5d6 Croatia (HR)  
 238c0908-60f4-454d-a328-2a58ccc85987 France (FR)  
 149cc85a-0a11-4256-99c9-37a809284223 Norway (NO)  
 ed7665ab-7f12-46e0-97a2-ea174539c70a Spain (ES)  
 385c708a-86e2-40e5-a559-b07d0012789f Belgium (BE)  
 834694da-ca3a-4951-a809-ee1cddde3f8a Netherlands (NL)  
 2f4fcedd-aa95-488b-96b3-3ea624138ce6 Hungary (HU)  
 530db28e-b292-44f4-9434-ba5b36e9b92f Poland (PL)  
 2e2757e7-9834-49ee-92b7-eb054e9f17dd Germany (DE)  
 39a66c40-3215-4d68-af4f-0ca43a6d3363 Germany (DE)  
 77b90d39-b6ba-4d45-8308-ad184dad8f88 France (FR)  
 1d84cfa5-e811-46c1-90eb-0fb037b78406 Germany (DE)  
 bdab6c9e-583e-430e-81cc-73e892d9f871 Finland (FI)  
 e33b865e-3145-4028-af01-42ab7af63bbf Sweden (SE)  
 2acc9d08-2554-47ae-be3b-a68f94a0675b Belgium (BE)  
 0b4b7a36-de23-4b05-95f2-e5c4e40048b8 Czech Republic (CZ)

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## Environmental

Environmental Information	ISDL000183R0001 9AKK108467A6707
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## Ordering

Order Code US and Canada	ABC160TW
EAN	8015644006860
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

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## Dimensions

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

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## 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

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**External Classifications and Standards**

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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

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**Categories**

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Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Formula DSA

