PRODUCT-DETAILS

A1C 125 TMF 80-800 3p F F

A1C 125 TMF 80-800 3p F F



Submitted by TECO Group

General Information

Extended Product Type	A1C 125 TMF 80-800 3p F F
Product ID	1SDA066717R1
EAN	8015644694050
Catalog Description	A1C 125 TMF 80-800 3p F F
Long Description	C.BREAKER FORMULA A1C 125 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 80-800 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

© 2026 ABB. All rights reserved.

Environmental

Environmental Information	1SDL000183R0001 9AKK108467A6707

Ordering

Order Code US and Canada	AAC080TW
EAN	8015644694050
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	76.2 mm
Product Net Height	130 mm
Product Net Depth / Length	60 mm
Product Net Weight	0.793 kg

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	136.5 mm
Package Level 1 Height	124 mm
Package Level 1 Depth / Length	110.5 mm
Package Level 1 Gross Weight	0.8 kg
Package Level 1 EAN	8015644694050

Submitted by TECO Group

Additional Information

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

Technical

Electrical Durability	1500 cycle
Mechanical Durability	Nr. Operations 8500 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 80 A
Rated Impulse Withstand Voltage (U_{imp})	6 kV
Rated Insulation Voltage (U_i)	690 V
Rated Operational	550 V AC

© 2026 ABB. All rights reserved.

Voltage	250 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(240 V AC) 15 kA (380 V AC) 12.5 kA (415 V AC) 6.25 kA (440 V AC) 5 kA (480 V AC) 4 kA (500 V AC) 2.5 kA (250 V DC) 2 Poles in Series 5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(240 V AC) 30 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 20 kA (480 V AC) 15 kA (500 V AC) 8 kA (250 V DC) 10 kA
Rated Uninterrupted Current (I_u)	125 A
Release	TMF
Release Type	TM
Short-Circuit Performance Level	C
Standards	IEC
Sub-type	A1
Terminal Connection Type	Front

Certificates and Declarations

Data Sheet, Technical Information	1SDC210032D0204
Declaration of Conformity - CE	9AKK106713A5519
Wiring Diagram	1SDM000067R0001
Instructions and Manuals	1SDH000717R0001

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

Submitted by TECO Group

© 2026 ABB. All rights reserved.

Categories

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





Submitted by TECO Group

© 2026 ABB. All rights reserved.