



## General Information

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<b>Extended Product Type:</b>	A1N 125 TMF 80-800 2p F F
<b>Product ID:</b>	1SDA066504R1
<b>EAN:</b>	8015644004071
<b>Catalog Description:</b>	A1N 125 TMF 80-800 2p F F
<b>Long Description:</b>	C.BREAKER FORMULA A1N 125 FIXED TWO-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 80-800 A

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## Categories

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Products » Low Voltage Products and Systems » Circuit Breakers » Moulded Case Circuit Breakers » FORMULA

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## Ordering

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<b>EAN:</b>	8015644004071
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85362090

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## Dimensions

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<b>Product Net Width:</b>	50.8 mm
<b>Product Net Height:</b>	130 mm
<b>Product Net Depth:</b>	60 mm
<b>Product Net Weight:</b>	0.47 kg

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## Container Information

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<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	143 mm
<b>Package Level 1 Height:</b>	74 mm
<b>Package Level 1 Length:</b>	93 mm
<b>Package Level 1 Gross Weight:</b>	0.55 kg
<b>Package Level 1 EAN:</b>	8015644004071

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## Additional Information

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<b>Electrical Durability:</b>	120 cycles per hour 1500 cycle
<b>Mechanical Durability:</b>	Nr. Operations 240 cycles per hour Nr. Operations 8500 cycle
<b>Number of Poles:</b>	2
<b>Opening Time:</b>	CB with SOR 15 ms CB with UVR 15 ms
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 9 W
<b>Product Main Type:</b>	SACE FORMULA
<b>Product Name:</b>	Automatic Circuit Breaker
<b>Product Type:</b>	CB
<b>Rated Current (I<sub>n</sub>):</b>	80 A
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	6 kV

<b>Rated Insulation Voltage (<math>U_i</math>):</b>	690 V
<b>Rated Service Short-Circuit Breaking Capacity (<math>I_{cs}</math>):</b>	(240 V) 25 kA (380 V AC) 18 kA (415 V AC) 7.5 kA (440 V AC) 6.25 kA (480 V AC) 4.5 kA (500 V AC) 2.5 kA (250 V DC) 2 Poles in Series 5 kA
<b>Rated Ultimate Short-Circuit Breaking Capacity (<math>I_{cu}</math>):</b>	(240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 25 kA (480 V AC) 18 kA (500 V AC) 10 kA (250 V DC) 10 kA
<b>Rated Uninterrupted Current (<math>I_u</math>):</b>	125 A
<b>Release Type:</b>	TM
<b>Standards:</b>	IEC 60947
<b>Sub-type:</b>	A1
<b>Terminal Connection Type:</b>	Front
<b>Version:</b>	F

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### Certificates and Declarations (Document Number)

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<b>Data Sheet, Technical Information:</b>	9AKK105713A5945
<b>Declaration of Conformity - CE:</b>	1SDL000158R137

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### Classifications

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<b>ETIM 4.0:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
<b>ETIM 5.0:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
<b>Object Classification Code:</b>	Q

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