



## General Information

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<b>Extended Product Type:</b>	A1C 125 TMF 100-1000 3p F F
<b>Product ID:</b>	1SDA066719R1
<b>EAN:</b>	8015644694067
<b>Catalog Description:</b>	A1C 125 TMF 100-1000 3p F F
<b>Long Description:</b>	C.BREAKER FORMULA A1C 125 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 100-1000 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>	8015644694067
<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>	76.2 mm
<b>Product Net Height:</b>	130 mm
<b>Product Net Depth:</b>	60 mm
<b>Product Net Weight:</b>	0.7 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>	136.5 mm
<b>Package Level 1 Height:</b>	124 mm
<b>Package Level 1 Length:</b>	110.5 mm
<b>Package Level 1 Gross Weight:</b>	0.8 kg
<b>Package Level 1 EAN:</b>	8015644694067

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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>	3
<b>Opening Time:</b>	CB with SOR 15 ms CB with UVR 15 ms
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 8 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>	100 A
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	6 kV

**Rated Insulation Voltage ( $U_i$ ):** 690 V  
**Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ):** (240 V) 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 Type:** TM  
**Standards:** IEC 60947  
**Sub-type:** A1  
**Terminal Connection Type:** Front  
**Version:** F

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### **Certificates and Declarations (Document Number)**

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**Data Sheet, Technical Information:** 9AKK105713A5945  
**Declaration of Conformity - CE:** 1SDL000158R137

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### **Classifications**

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

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