

# A1N 125 TMF 80-800 4p F F



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

## General Information

<b>Extended Product Type:</b>	A1N 125 TMF 80-800 4p F F
<b>Product ID:</b>	1SDA066765R1
<b>EAN:</b>	8015644006754
<b>Catalog Description:</b>	A1N 125 TMF 80-800 4p F F
<b>Long Description:</b>	C.BREAKER FORMULA A1N 125 FIXED FOUR-POLE WITH FRONT TERMINALS AND THE RMOMAGNETIC RELEASE TMF R 80-800 A

## Additional Information

<b>Country of Origin:</b>	Italy (IT)
<b>Customs Tariff Number:</b>	85362090
<b>Data Sheet, Technical Information:</b>	1SDC210032D0204
<b>Declaration of Conformity - CE:</b>	9AKK106713A5519
<b>EAN:</b>	8015644006754
<b>ETIM 4:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
<b>ETIM 5:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
<b>ETIM 6:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
<b>Electrical Durability:</b>	1500 cycle
<b>Environmental Information:</b>	1SDL000183R0001
<b>Instructions and Manuals:</b>	1SDH000717R0001
<b>Invoice Description:</b>	A1N 125 TMF 80-800 4p F F
<b>Mechanical Durability:</b>	Nr. Operations 8500 cycle
<b>Minimum Order Quantity:</b>	1 piece
<b>Number of Poles:</b>	4
<b>Object Classification Code:</b>	Q
<b>Opening Time:</b>	CB with SOR 15 ms CB with UVR 15 ms
<b>Package Level 1 EAN:</b>	8015644006754
<b>Package Level 1 Gross Weight:</b>	1.05 kg
<b>Package Level 1 Height:</b>	124 mm
<b>Package Level 1 Length:</b>	110.5 mm
<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	136.5 mm
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 9 W
<b>Product Main Type:</b>	SACE FORMULA
<b>Product Name:</b>	Moulded Case Circuit Breaker
<b>Product Net Depth:</b>	60 mm
<b>Product Net Height:</b>	130 mm
<b>Product Net Weight:</b>	0.925 kg
<b>Product Net Width:</b>	101.6 mm
<b>Product Type:</b>	CB
<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 80 A
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	6 kV
<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	690 V
<b>Rated Operational Voltage:</b>	550 V AC 250 V DC
<b>Rated Service Short-Circuit Breaking</b>	(240 V AC) 50 kA

<b>Rated Service Short-Circuit Breaking Capacity (<math>I_{cs}</math>):</b>	(240 V AC) 30 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 Short-Circuit Making Capacity (<math>I_{cm}</math>):</b>	(240 V AC) 220 kA (380 V AC) 75.6 kA (415 V AC) 63 kA (440 V AC) 52.5 kA (480 V AC) 17 kA (500 V AC) 17 kA
<b>Rated Ultimate Short-Circuit Breaking Capacity (<math>I_{cu}</math>):</b>	(240 V AC) 100 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:</b>	TMF
<b>Release Type:</b>	TM
<b>Selling Unit of Measure:</b>	piece
<b>Short Description:</b>	A1N 125 TMF 80-800 4p F F
<b>Short-Circuit Performance Level:</b>	N
<b>Size:</b>	A1N
<b>Standards:</b>	IEC
<b>Sub-type:</b>	A1
<b>Terminal Connection Type:</b>	Front
<b>Version:</b>	F

