



PRODUCT-DETAILS

T6H 800 TMA 800-8000 3p F F

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General Information	
Extended Product Type	T6H 800 TMA 800-8000 3p F F
Product ID	1SDA060218R1
EAN	8015644626785
Catalog Description	T6H 800 TMA 800-8000 3p F F
Long Description	C.BREAKER TMAX T6H 800 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 800 I3=4000...8000 A

ABB EcoSolutions	
Environmental Product Declaration - EPD	No declaration needed

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	9AKK108467A5658

(CMRT)

Toxic Substances Control
Act - TSCA

9AKK108467A8326

Environmental

Environmental Information

9AKK10103A1058
9AKK108467A6707

Ordering

EAN

8015644626785

Minimum Order Quantity

1 piece

Customs Tariff Number

85362090

Dimensions

Product Net Width

210 mm

Product Net Height

268 mm

Product Net Depth /
Length

103.5 mm

Product Net Weight

9.5 kg

Container Information

Package Level 1 Units

1 piece

Package Level 1 Width

305 mm

Package Level 1 Height

285 mm

Package Level 1 Depth /
Length

370 mm

Package Level 1 Gross
Weight

9.6 kg

Package Level 1 EAN

8015644626785

Additional Information

Product Main Type

SACE Tmax T

Product Name

Moulded Case Circuit Breaker

Product Type

Automatic Circuit Breaker

Suitable For

T6

Suitable for Product Class

Moulded Case Circuit Breakers

Version

F

Technical

Electrical Durability

5000 cycle
60 cycles per hour

Mechanical Durability

20000 cycle
120 cycles per hour

Number of Poles

3P

Power Loss

at Rated Operating Conditions per Pole 31 W

Rated Current (I_n)

800 A

Rated Impulse Withstand
Voltage (U_{imp})

8 kV

Rated Insulation Voltage
(U_i)

1000 V

Rated Operational Voltage	690 V AC 750 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 70 kA (400 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 50 kA (500 V AC) 50 kA (690 V AC) 19 kA
Rated Short-time Withstand Current Low Voltage (I _{cw})	for 1 s 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 70 kA (400 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 50 kA (500 V AC) 50 kA (690 V AC) 25 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 2 Poles in Series 50 kA (750 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I _u)	800 A
Release	TMA
Release Type	TM
Short-Circuit Performance Level	H
Standards	IEC
Sub-type	T6
Terminal Connection Type	Fixed Circuit-Breakers Front
Test Voltage Max (U _{test})	3500 V

Certificates and Declarations

Data Sheet, Technical Information	1SDC210015D0201
Declaration of Conformity - CE	9AKK106713A5538
Instructions and Manuals	1SDH000511R0001

External Classifications and Standards

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
UNSPSC	39121100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.1 : 27370409

Categories

Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax T

