



PRODUCT-DETAILS

T7H 1600 PR231/P LS/I In=1600A 4p F F M

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General Information	
Extended Product Type	T7H 1600 PR231/P LS/I In=1600A 4p F F M
Product ID	1SDA063050R1
EAN	8015644655990
Catalog Description	T7H 1600 PR231/P LS/I In=1600A 4p F F M
Long Description	C.BREAKER TMAX T7H 1600 FIXED FOUR-POLE WITH FRONT TERMINALS AND STORED ENERGY OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC PR231/P-LS/I R 1600

ABB EcoSolutions	
Environmental Product Declaration - EPD	No declaration needed

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

Environmental

Environmental Information	9AKK10103A1059 9AKK108467A6707
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Ordering

EAN	8015644655990
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	280 mm
Product Net Height	268 mm
Product Net Depth / Length	178 mm
Product Net Weight	14 kg

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	360 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	360 mm
Package Level 1 Gross Weight	15.5 kg
Package Level 1 EAN	8015644655990

Additional Information

Product Main Type	SACE Tmax T
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Suitable For	T7M
Suitable for Product Class	Moulded Case Circuit Breakers
Version	F

Technical

Electrical Durability	2000 cycle 60 cycles per hour
Mechanical Durability	10000 cycle 60 cycles per hour
Number of Poles	4P

Power Loss	at Rated Operating Conditions per Pole 77 W
Rated Current (I_n)	1600 A
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Voltage	690 V AC
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) 65 kA (500 V AC) 50 kA (690 V AC) 31.5 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 20 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) 65 kA (500 V AC) 50 kA (690 V AC) 42 kA
Rated Uninterrupted Current (I_u)	1600 A
Release	PR231/P-LS/I
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC
Sub-type	T7
Terminal Connection Type	Fixed Circuit-Breakers Front

Certificates and Declarations

Data Sheet, Technical Information	1SDC210015D0201
Declaration of Conformity - CE	9AKK106713A5537
GL Certificate	1SDL000163R0053
Instructions and Manuals	1SDC210015D0201

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
UNSPSC	39120000
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



Submitted by TECO Group