



PRODUCT-DETAILS

T7S 1600 PR231/P LS/I In=1600A 3p F F M

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General Information	
Extended Product Type	T7S 1600 PR231/P LS/I In=1600A 3p F F M
Product ID	1SDA063010R1
EAN	8015644655594
Catalog Description	T7S 1600 PR231/P LS/I In=1600A 3p F F M
Long Description	C.BREAKER TMAX T7S 1600 FIXED THREE-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 Information	9AKK108466A1424
RoHS Status	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
SCIP	488a5172-8d1a-4663-bc07-90b399071309 Italy
Simplified SCIP	7726390a-d0c7-4b82-8751-e397aaa97ecf Germany 540373bf-4f51-4757-81e4-5774e81efc97 Norway cb327c4a-b912-4646-8752-47e5908b938d Finland 75342d0a-2743-4a33-9703-94a2d5072839 Spain 13d3d07d-bb52-4e8d-a581-ad4d76bd0e49 Netherlands 5ca4efe5-49b0-42c8-8ab6-60fc851a0665 Germany Off4616e-67ba-40a3-bb84-aea4bbb69b93 Sweden 30304210-9b47-4c19-989f-2585ca7580d4 France 76ca9f7d-3666-4afd-8303-723729ab6c55 Germany de90cd90-6fa1-4c1b-b056-dd5f9429e421 Netherlands af8197ea-60fb-4775-92bf-0075b654a003 France d74bb24e-d16b-45cf-8640-d8e7690a5667 Estonia 8dbca767-3eec-402d-bf77-d7717099e5e4 Greece 12914a44-430c-49fe-be67-358fdbba3937 Bulgaria 704b7a47-260b-4b5d-9a8c-123362044e70 Portugal 66421bab-715b-4a08-85b4-481f43bb48a3 Sweden 25d7f573-6c44-423c-9bef-8fda055f8fc4 Poland 1655ec0e-733e-4d50-a00e-16f57bbbcfa7 Netherlands 5513df25-e182-438e-9012-e55e65a424b2 Netherlands 7fd9c111-3caa-46fd-943e-25185b7ab732 Czech Republic f383b0ab-ec08-4465-9a2b-44e744d8b7e7 Croatia b8d81a71-200d-441a-a594-a2940f7c798e Poland 6433c27f-0213-4fc5-a922-ba7cd0ac1023 Germany 4a581c2b-d7d0-46dd-ac87-5cfe9382d89d Germany 252a70a4-a4d4-470f-a706-64a6b0faf1ef Netherlands 7ab9818c-c7b7-41d6-a19f-452e26bb8ba2 Denmark df5a2365-95e7-443b-a27a-1ce414c2a1ab Poland

Environmental

Environmental	9AKK10103A1059
Information	9AKK108467A6707

Ordering

EAN	8015644655594
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	210 mm
Product Net Height	268 mm
Product Net Depth / Length	178 mm
Product Net Weight	14.481 kg

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	280 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	360 mm

Package Level 1 Gross Weight	15.243 kg
Package Level 1 EAN	8015644655594

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	3P
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) 85 kA (230 V AC) 85 kA (380 V AC) 50 kA (400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 40 kA (690 V AC) 30 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) 85 kA (230 V AC) 85 kA (380 V AC) 50 kA (400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 40 kA (690 V AC) 30 kA
Rated Uninterrupted Current (I_u)	1600 A
Release	PR231/P-LS/I
Release Type	EL
Short-Circuit Performance Level	S
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	1SDL000163R0055
Instructions and Manuals	1SDC210015D0201

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	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

