



PRODUCT-DETAILS

T6H 800 PR221DS-I In=800 3p F F

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General Information	
Extended Product Type	T6H 800 PR221DS-I In=800 3p F F
Product ID	1SDA060290R1
EAN	8015644627515
Catalog Description	T6H 800 PR221DS-I In=800 3p F F
Long Description	C.BREAKER TMAX T6H 800 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-I R 800

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
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SCIP	8edc99fc-b2f6-42c9-8cc1-44ef70dd6b7a China
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Simplified SCIP	54b7e03b-dce8-4864-820d-72daa39eed98 France 3ecc9125-9a2c-484d-8140-e1ae8f717948 Germany 15f58077-6b90-47e2-9d8c-642a2776e88f France c19ee3c5-0042-4dbb-ac52-301eb2780f3a Sweden d0daf0b2-bfc7-4ccb-be37-8d074f2cd371 Germany 23ecc5be-4178-49bb-84be-16d608d8d863 Poland a520b955-c0c1-424e-982c-d9ea1a785b94 Sweden 82a3b020-2e86-4412-b4dc-c8c8124ee5cd Spain 175f6e68-2a3c-4766-a3dd-045e8dc7020e Poland 72430302-b2d2-4fb2-be26-f25017b9c3c3 Bulgaria 54516290-653f-4f70-94bf-027e6b7dcc54 Germany 4aa1d888-bb53-4658-912a-d2d3873e75d4 Czech Republic 8674f808-cc5a-439b-af74-ac92d6f8ec71 Portugal fb7c49b4-7651-48b7-9691-3c0063ee3aaa Hungary c1f9f4ab-97c3-43c1-93ad-33c85505f7b4 Denmark 5c8dc8dd-e1f3-4cb5-a95d-9a807e57f461 Belgium c0f2fa9a-9a4c-4698-a96f-da23549ff644 Germany 515bd96b-401e-4a2a-a321-28b798416d6f Netherlands 9f2be997-652b-4627-bc18-c01c5cb50624 Greece 4b2ce176-5db3-4347-823b-7836617e9ac4 Germany 144a9808-49f7-464f-a922-4c0b03b38082 Poland f8b0c37a-637f-4a42-8eb7-47da1eaf4f8f Norway 6517429f-b95a-41f9-9e06-1cfcfd2ef204 Finland
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Environmental

Environmental Information	9AKK10103A1058 9AKK108467A6707
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Ordering

EAN	8015644627515
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	11 kg
Package Level 1 EAN	8015644627515

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 32 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
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
Rated Uninterrupted Current (I_u)	800 A
Release	PR221DS-I
Release Type	EL
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

