



PRODUCT-DETAILS

T6N 800 PR221DS-I In=800 3p F F

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General Information	
Extended Product Type	T6N 800 PR221DS-I In=800 3p F F
Product ID	1SDA060269R1
EAN	8015644627317
Catalog Description	T6N 800 PR221DS-I In=800 3p F F
Long Description	C.BREAKER TMAX T6N 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 (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	3bd28c89-7d58-44e1-aa04-b2e2070ce752 China
Simplified SCIP	9e26244e-6149-4b49-8f65-90c257d898d9 Greece 9b17676e-d209-4bc2-8fc9-409db1662937 Netherlands efa5d8c9-d109-4cf2-af44-03c3a574353f Belgium 6632b8dd-dc51-4804-9c76-08fd6268760e Germany 8a01273c-9a11-49dc-b2c3-02420866f8c8 France 9ee59464-3f8d-4f5b-a118-ee95df1fc382 Poland 5b9bfde0-9b03-44f2-ad2b-e9368f5e82d7 Bulgaria 63cf93fd-0220-4d04-9ba9-6ba84076db42 Sweden b36c6ae5-3fb8-4369-bdd1-ebd4d718e10c Germany aab27f24-f905-48b3-802c-b5dd6c2e56cd France 313d9146-f24f-43ad-8ee0-eac12e07b093 Poland 9a3b1f9e-0739-4e8c-a6ee-3ea5664f2d02 Sweden ab644cb8-44bb-4fe8-b114-a983fcb7f2d6 Spain a854d679-657b-4d29-8575-8ad6a642736b Czech Republic f7f91afb-8feb-4e3a-8d1e-830b386cb492 Portugal 2f00f22e-a141-4bce-b0c6-34a65da73cd6 Denmark 7912123f-95ab-4240-8320-78eb910e1a0b Germany f3b15f20-bb38-4511-9fa3-bea4b8f3ea14 Germany af31b29c-2a1d-410f-aff5-84d835cd2fdb Hungary e47f1857-9e6a-4f5c-ab7f-fea3b5c4e982 Germany 8b62f8d2-8bf7-4a97-b28a-927468940a4b Finland fc6577d4-cbf2-4ced-b8af-ea0fa5c0c109 Norway 5e549fde-a9ce-4f26-a4b7-115645867874 Poland

Environmental

Environmental Information	9AKK10103A1058 9AKK108467A6707
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Ordering

EAN	8015644627317
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	8015644627317

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) 70 kA (230 V AC) 70 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 30 kA (500 V AC) 25 kA (690 V AC) 15 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) 70 kA (230 V AC) 70 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 30 kA (500 V AC) 25 kA (690 V AC) 20 kA
Rated Uninterrupted Current (I_u)	800 A
Release	PR221DS-I
Release Type	EL
Short-Circuit Performance Level	N
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
GL Certificate	1SDL000163R0057
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

