



PRODUCT-DETAILS

T6S 800 PR221DS-LS/I In=800 4p F F

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General Information

Extended Product Type	T6S 800 PR221DS-LS/I In=800 4p F F
Product ID	1SDA060283R1
EAN	8015644627454
Catalog Description	T6S 800 PR221DS-LS/I In=800 4p F F
Long Description	C.BREAKER TMAX T6S 800 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 800

ABB EcoSolutions

Environmental Product Declaration - EPD	No declaration needed
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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
SCIP	93672a72-5bf0-48a7-80c0-afd7f2845497 China
Simplified SCIP	2825306c-67b2-47eb-a061-5bc952fbd8bf Germany 486ce9b5-a46c-423d-b7c2-acc8d1321b5f Denmark 0fb2be62-8e52-4611-b747-cbbc79319d07 Greece f773946c-79f7-46ab-ac38-077985bdc5f4 Hungary fb4884f3-50a1-46fb-b5da-201719d16c37 Germany e5a776c9-732f-4af2-86a2-5c872655ea8e Norway c91c022d-8e0e-4562-8884-a77791e511f3 Germany d447634b-39af-45d4-a86e-9bdba8d7da41 France cca389ff-9ec4-4c36-a0bf-f646f5ae953e Poland a0410760-68cd-4640-b2c7-f527d470e24d Spain db4fdb1-b571-4ea5-b636-19682e99ba74 Germany f20d8497-28d9-416d-a8c4-e82759d91ad7 Finland b1cc034f-40a1-4fc3-94a6-fcd2fb2860f8 Portugal 9ba226f6-d821-4039-8fa8-9567d3c4c755 Germany b14dbc96-3a24-4058-8aec-11bcc0e8559b Sweden 0b7f5bdc-e9c3-4d6f-969e-a46f7e3b9f64 France 04663a4e-96c6-4c8d-9282-afef8643ffee Netherlands 1bc1a55f-1abc-49bb-a56a-021d682d714d Poland 2d93a4f3-fda9-4722-aad7-59bab6be0822 Sweden a4791fc0-bc65-468a-923f-b408db76d6c8 Poland 857a531d-cbec-4584-965e-b01aa8bec45d Bulgaria 7b47158b-ad1d-4008-9757-edd28568a14f Czech Republic 14a868bd-0026-4761-a055-ed5d5298cdd5 Belgium

Environmental

Environmental Information	9AKK10103A1058 9AKK108467A6707
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Ordering

E-Number (Finland)	3655427
EAN	8015644627454
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	280 mm
Product Net Height	268 mm
Product Net Depth / Length	103.5 mm
Product Net Weight	12 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	14 kg
Package Level 1 EAN	8015644627454

Additional Information

Product Main Type	SACE Tmax T
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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	4P
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) 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) 45 kA (500 V AC) 35 kA (690 V AC) 16.5 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) 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) 45 kA (500 V AC) 35 kA (690 V AC) 22 kA
Rated Uninterrupted Current (I_u)	800 A
Release	PR221DS-LS/I
Release Type	EL
Short-Circuit Performance Level	S
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
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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

