



PRODUCT-DETAILS

T5N 630 PR221DS-I In=630 3p F F

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General Information	
Extended Product Type	T5N 630 PR221DS-I In=630 3p F F
Product ID	1SDA054397R1
EAN	8015644554958
Catalog Description	T5N 630 PR221DS-I In=630 3p F F
Long Description	C.BREAKER TMAX T5N 630 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-I R 630

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	2ea7f6f1-7530-4c75-97f0-308c84523a8a China
Simplified SCIP	f8457263-eee4-40fd-ae5f-fd112071d8a5 Poland f569a99a-0d9d-47b2-9adb-088b1b8f6781 Germany 64028c42-6613-44a6-b933-bcccc1f50c8f Germany 6ce5905a-f829-49fb-a9b1-7804207b5b83 Finland 90f9a432-20a0-49ed-a05c-ae66679c5238 Portugal 54d7e566-641e-4f38-8793-09ba1340088b Bulgaria 14908066-1fbb-4d13-8a69-c58095ffe2f0 Germany 3fa7e1be-dcfc-4c9e-9fe3-b981e000e0e6 Spain 15c763e4-d05b-4164-9d28-6e30343db2a6 Hungary 17f173d3-b598-4e2c-914b-91d2749c739a Greece 20224d28-7a54-43cf-9a3c-ff6578d64364 France 588e5c69-c63a-475a-a3af-8fab71d06da6 Poland 2c312dd5-df84-4020-b286-a49e6b7908f4 Germany a923ef44-a64b-439e-a0e4-fa30ae793d6c Norway 02ec674c-bcf7-42d6-bae6-22893e06cc8b Denmark d6a481c7-3b50-449b-a0c2-f163c7f80921 Germany eeb1415d-8c5d-4db6-b9dd-808f060111b1 Sweden 17c0f653-86b3-42af-92fd-9cc2851b5e18 Netherlands d490a635-8d30-426e-8544-4a434ebb7ec0 France 76a05544-c911-4178-b266-6f3a66217c48 Belgium 4ca1df66-0e72-4b96-b1f1-9402480063f9 Sweden c8b39936-da49-456f-953f-ed31bcb3c0d2 Poland 519df1f0-5a56-4a40-a9ab-2cdea19e4511 Czech Republic

Environmental

Environmental Information	9AKK10103A1056 9AKK108467A6707
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Ordering

E-Number (Finland)	3655529
E-Number (Norway)	4384068
EAN	8015644554958
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	140 mm
Product Net Height	205 mm
Product Net Depth / Length	103.5 mm
Product Net Weight	5.1 kg

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	248 mm
Package Level 1 Height	240 mm
Package Level 1 Depth / Length	285 mm

Package Level 1 Gross Weight	5.1 kg
Package Level 1 EAN	8015644554958

Additional Information

Product Main Type	SACE Tmax T
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Suitable For	T5
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 41 W
Rated Current (I_n)	630 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) 20 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)	630 A
Release	PR221DS-I
Release Type	EL
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	T5
Terminal Connection Type	Fixed Circuit-Breakers Front
Test Voltage Max (U_{test})	3500 V
Test Voltage at Industrial Frequency for 1 Minute	3500 V

Certificates and Declarations

Data Sheet, Technical Information	1SDC210004D0203
Declaration of Conformity - CE	9AKK106713A5539
Instructions and Manuals	1SDH000437R0001
Instructions and Manuals (Part 2)	ITSCE-RH0100001

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

