



PRODUCT-DETAILS

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

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General Information	
Extended Product Type	T5N 630 PR221DS-LS/I In=630 3p F F
Product ID	1SDA054396R1
EAN	8015644554941
Catalog Description	T5N 630 PR221DS-LS/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-LS/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	b05eee46-ac7c-4986-b103-4456de0f7bf3 Italy
Simplified SCIP	a977f2ff-a1c8-4123-8a12-edf8e740a809 Germany b50cb66e-0fa0-4466-beea-a3d96200a766 Netherlands 7655a3fc-ee55-46bb-9a8c-a91a6d7db03e Spain 8ec5fc74-95a6-45be-bdfc-32c11407fa92 Netherlands b3e66b09-8949-425f-b245-df78b5fead9e Germany 25def33a-10a4-4e45-9ccc-a96d65b5c9e1 Sweden 355d8eea-bdc0-4103-80d0-dde4e8fd538a France a1c0933b-8ce1-486f-b55c-b83739d17749 Poland 52808cb7-53d9-4567-b91a-dcbd1efd3ac7 Sweden 0cae59a1-9a0d-4154-9401-e923f4215204 Bulgaria de7cd5be-ee1a-4a1a-98de-0c8ecf87dc92 Portugal 09d8a2ed-08d2-4791-84f8-84ae2dc70197 Greece a9a82c36-6b93-471c-b403-1b2d60d25421 Estonia ef35ae13-5b14-4367-ae05-c480d4a4fb1c Poland 31a1fa2a-9be6-4c5b-8152-8d9c343cc857 Netherlands 2757738b-3e1d-4110-ae81-0e76cd8e6481 Netherlands 230d99e2-75de-4436-bdeb-94b289c97d2d Czech Republic 003d886f-39cc-435e-8485-5dab2fac3fe1 Croatia b7284998-9321-4095-ad97-d508f687d998 Germany 5208c008-66a2-4f36-a1e2-a0561adf6c54 Denmark 4cd82cce-1d3e-4e20-8214-9aacdcdb57c2 Germany 51fc47bb-bef0-4864-92c1-3f36cc25d242 France f9db9213-cda5-47cb-9dc6-ae61d4cee6c9 Germany ad74c881-87ff-4c49-b26b-e2e55e42ae7c Poland 2d5ee082-b7fa-4a5b-a55e-2700ca49848d Netherlands 94ab850b-ee6d-4786-8c9d-1feaf95bd94b Finland 66546424-47f0-4ae8-a814-ead92287e534 Norway

Environmental

Environmental Information	9AKK10103A1056 9AKK108467A6707
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Ordering

E-Number (Finland)	3655323
E-Number (Norway)	4383613
E-Number (Sweden)	3180374
EAN	8015644554941
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	4.817 kg

Container Information

Package Level 1 Units	1 piece
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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	8015644554941

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-LS/I
Release Type	EL
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	T5
Terminal Connection	Fixed Circuit-Breakers

Type	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

