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**PRODUCT-DETAILS****T5S 630 PR221DS-LS/I In=630 3p F F****T5S 630 PR221DS-LS/I In=630 3p F F**

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**General Information**

<b>Extended Product Type:</b>	T5S 630 PR221DS-LS/I In=630 3p F F
<b>Product ID:</b>	1SDA054404R1
<b>EAN:</b>	8015644555023
<b>Catalog Description:</b>	T5S 630 PR221DS-LS/I In=630 3p F F
<b>Long Description:</b>	C.BREAKER TMAX T5S 630 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 630
<b>Display Name:</b>	T5S 630 PR221DS-LS/I In=630 3p F F

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**ABB EcoSolutions**

**Environmental Product Declaration - EPD:** No declaration needed

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**Material Compliance**

<b>REACH Declaration:</b>	9AKK108466A1425
<b>RoHS Declaration:</b>	9AKK108466A1424

<b>RoHS Information:</b>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
<b>Conflict Minerals Reporting Template (CMRT):</b>	9AKK108467A5658
<b>Toxic Substances Control Act - TSCA:</b>	9AKK108467A8326
<b>SCIP:</b>	3cc1854c-e229-4e90-8014-2570f5ead86c Italy
<b>Simplified SCIP:</b>	be1e2efc-4e49-451e-b1a6-42f9a17b0941 Germany 99ee55ca-b9a8-4a5a-975c-ba30a7b359e7 Poland 647fb0e9-cfc6-40b1-862b-bd68a95f7af7 Spain b8687124-e884-4908-a5f6-8fbabaedecfc Netherlands 24a095ec-605d-4ad9-ac91-de08611eed27 Norway 73585117-b278-4945-968d-a4c4f1f1b072 Denmark 6e499506-5174-409c-a3d0-0c8012ef3074 Netherlands 70937a86-88a5-4a00-8aa3-0c36d94606fc Germany 9236f05a-de1f-44be-935e-244a07e65d0c Germany 4859d3fe-7320-484c-a0b4-d79cfeb3825e Croatia 678d50bf-5a3e-4edd-9b51-6b448a7abc5d Czech Republic 7c07d9fa-7935-47a8-b84d-081ffc9b411e Poland c08b0dd8-f14f-4122-8688-641d6ae8249a Netherlands 8a759fe5-d326-4a8d-a12f-1f228dabc25c Netherlands 56346e37-97a7-4579-afe2-bb916a9cd542 Estonia 9bed9cd3-49f5-43af-a59a-7e889977b607 Greece b685936c-3573-4c40-982c-8dbab505311a Portugal b91b3302-a2dc-443d-a88f-e3e8bc60f067 Bulgaria 24454c4b-c18f-4f1a-a21b-23ba28c776c1 Sweden 2040079e-6c07-4d16-ac7c-3ea700f2967d Poland cc4dc495-9c23-47cb-a8c6-d5291cff5572 France f8eadf41-fa40-438e-91f8-f1e7c9a3ccea Sweden 64a12dc8-e0aa-45bf-b474-890908632d8c Germany ff51e356-250d-4ad6-a1ce-b0ebd1ec1502 Germany ee960abb-8e8f-4052-a4ce-1e12e8b29039 France d5ce4829-d16c-4479-ac79-b1f0815288fe Netherlands 1ccab4ee-b395-43db-a82e-aa376e72e068 Finland

## Environmental

<b>Environmental Information:</b>	9AKK10103A1056 9AKK108467A6707
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## Ordering

<b>E-Number (Finland):</b>	3655326
<b>E-Number (Norway):</b>	4384074
<b>E-Number (Sweden):</b>	3180384
<b>EAN:</b>	8015644555023
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85362090

## Dimensions

<b>Product Net Width:</b>	140 mm
<b>Product Net Height:</b>	205 mm
<b>Product Net Depth / Length:</b>	103.5 mm
<b>Product Net Weight:</b>	4.875 kg

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## Container Information

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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:	8015644555023

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## Additional Information

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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

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## Technical

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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) 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) 40 kA (500 V AC) 30 kA (690 V AC) 25 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) 40 kA (500 V AC) 30 kA (690 V AC) 25 kA
Rated Uninterrupted Current ( $I_u$ ):	630 A

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<b>Release:</b>	PR221DS-LS/I
<b>Release Type:</b>	EL
<b>Short-Circuit Performance Level:</b>	S
<b>Standards:</b>	IEC
<b>Sub-type:</b>	T5
<b>Terminal Connection Type:</b>	Fixed Circuit-Breakers Front
<b>Test Voltage Max (U<sub>test</sub>):</b>	3500 V
<b>Test Voltage at Industrial Frequency for 1 Minute:</b>	3500 V

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## Certificates and Declarations

<b>Data Sheet, Technical Information:</b>	1SDC210004D0203
<b>Declaration of Conformity - CE:</b>	9AKK106713A5539
<b>EU Data Act Compliance Declaration:</b>	1SDH002560A1001
<b>GL Certificate:</b>	1SDL000163R0062
<b>Instructions and Manuals:</b>	1SDH000437R0001
<b>Instructions and Manuals (Part 2):</b>	ITSCE-RH0100001

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## External Classifications and Standards

<b>ETIM 9:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation protection
<b>ETIM 10:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation protection
<b>Object Classification Code:</b>	Q
<b>UNSPSC:</b>	39121100
<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)
<b>eClass:</b>	V11.1 : 27370409

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## Categories

Products > Low Voltage Products and Systems > Circuit Breakers > Moulded Case Circuit Breakers > Tmax T

