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**PRODUCT-DETAILS**

# T5S 400 PR221DS-LS/I In=400 3p F F

## T5S 400 PR221DS-LS/I In=400 3p F F



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**General Information**

<b>Extended Product Type:</b>	T5S 400 PR221DS-LS/I In=400 3p F F
<b>Product ID:</b>	1SDA054333R1
<b>EAN:</b>	8015644554316
<b>Catalog Description:</b>	T5S 400 PR221DS-LS/I In=400 3p F F
<b>Long Description:</b>	C.BREAKER TMAX T5S 400 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 400
<b>Display Name:</b>	T5S 400 PR221DS-LS/I In=400 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>	7c045d10-8e03-4414-ab79-e3009f84044c Italy
<b>Simplified SCIP:</b>	20277617-1f36-43a8-b6c0-3a5e62e05f24 Germany bf9eb4d7-8d78-41a5-9b42-5c869a3b2b2f Germany 6b9a629b-831b-4a76-b046-e32092a6ba55 Sweden 24979efa-4a7a-4dcd-bdce-79e83b48cdfd France d554ba54-8a94-419c-97cd-87633359d5a2 Netherlands 6dc853a3-90fa-4e71-b439-dde23255e4c9 Netherlands cbe692d1-84d0-4afd-b2b6-5ac4f07c0f59 Spain 5506b7d9-b9ba-40e8-90fb-8a51e35b5e41 Poland e1cf3b32-eaf0-49f5-bb9d-8fafa46bbfa2 Netherlands 00c8d4f7-59b2-4d5a-b465-bd5be1879ecc Finland 45aa3f50-e72f-4a0c-9241-c8aab0df4b3d Sweden 662643ca-3b5d-4a24-9e3b-d00650a70c01 Poland 200c67fb-e5fd-466a-90c3-f3ee38219b01 France 4b0d553e-ef9c-42a4-9b04-0ba7f1ffb6f2 Germany d9bdee1c-3401-4c23-bc59-a45f09634719 Germany 49384911-ce92-4f7c-ab9d-7ac1083782c5 Czech Republic 4684ad20-2b1a-4c56-a476-9c392081da6e Croatia beaa7d3e-9efe-485b-a564-57c7ebe30740 Denmark 38caad91-a665-41fc-ad0c-23274740da0e Germany 9b04c1b0-ef7a-444c-a765-0666e7b3daf7 Netherlands 6f1fcc90-eb80-4bc3-9bbb-8f9ed686f97f Netherlands 1d5c9988-eeec-44ae-91b6-9f1d11a19d02 Poland 1bff3709-0730-499c-898a-1edd97dbfc6b Greece dd171885-866a-40b7-848f-ba253ddb6e54 Estonia 3a381d9c-8d4f-4c34-a0cf-74b5d57938ff Bulgaria 5a092fab-039b-4c71-b4e2-c7f181b31a42 Portugal 0a83005f-2261-4808-94bd-5a678d5dacab Norway

## Environmental

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

<b>E-Number (Finland):</b>	3655325
<b>E-Number (Norway):</b>	4384054
<b>E-Number (Sweden):</b>	3180383
<b>EAN:</b>	8015644554316
<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>	4.824 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:	8015644554316

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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:	7000 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 16.5 W
Rated Current ( $I_n$ ):	400 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 Short-time Withstand Current Low Voltage ( $I_{cw}$ ):	for 1 s 5 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

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<b>Rated Uninterrupted Current (I<sub>u</sub>):</b>	400 A
<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

## 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

## 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

## Categories

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

