



PRODUCT-DETAILS

T5S 630 PR221DS-I In=630 3p F F

T5S 630 PR221DS-I In=630 3p F F



General Information	
Extended Product Type	T5S 630 PR221DS-I In=630 3p F F
Product ID	1SDA054405R1
EAN	8015644555030
Catalog Description	T5S 630 PR221DS-I In=630 3p F F
Long Description	C.BREAKER TMAX T5S 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	eec7443e-5a00-408d-8a19-02e2dad6ba0c China
Simplified SCIP	e309ca93-7967-48d5-b2de-91e88e863ded Netherlands 51dda1cc-4a28-4c69-890a-9f6770060694 Belgium caf0f502-bbc0-453d-999c-52c7a61cad69 Greece d48ab051-c22c-42f5-b45e-dd6cd783b46a Germany c9b9c504-0144-425b-973f-508d3bce6f0d France e500290f-bdc7-4418-b25d-efaf36e645cc Germany 4ddeab55-f4c7-41f1-9cf4-fe0e229ebe6a Sweden e3380de5-58a5-4671-afef-da96adf0506d France d17c0d14-7bd0-41ae-81ee-5f9a7aac72e3 Poland e8e834cd-8da0-4066-ab8f-193508b0497e Sweden 6827c415-01e5-4013-93aa-2916e5900815 Poland 99b55596-4a22-4c7e-bdaf-3e3ea0719a18 Bulgaria 8738138b-0b29-4e13-aac1-6e4b0a344e6a Spain f0258afc-b16c-4069-adee-f5b0c10cdeff Poland 5d662e0c-6d5e-4f58-9e80-f9a6d6772b96 Portugal 6133f87e-423f-45f7-b849-0ca41ae9fd71 Hungary fb9dac65-04df-4832-8b87-5e7e22bb6abf Czech Republic 8791f3b7-5db8-4ac7-9d14-6f873d59ac1d Germany 7ffc234d-5b0b-45a6-8ddd-6fe49a367bc0 Germany bd829b0f-5a3b-477e-875e-e1e888a39e4f Denmark 9dd78b0c-c450-491f-8fad-3eed9d762969 Finland b65ea1ac-93c5-46bf-a93b-f86e5c877eb2 Norway b1507a97-eed8-4dbd-bd10-81216e412e34 Germany

Environmental

Environmental Information	9AKK10103A1056 9AKK108467A6707
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Ordering

E-Number (Finland)	3655532
EAN	8015644555030
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

8015644555030

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) 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
Release	PR221DS-I
Release Type	EL
Short-Circuit Performance Level	S
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
GL Certificate	1SDL000163R0062
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
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

