



PRODUCT-DETAILS

T6L 800 PR221DS-LS/I In=800 3p F F

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General Information	
Extended Product Type	T6L 800 PR221DS-LS/I In=800 3p F F
Product ID	1SDA060299R1
EAN	8015644626877
Catalog Description	T6L 800 PR221DS-LS/I In=800 3p F F
Long Description	C.BREAKER TMAX T6L 800 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 800

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	2d01dbe1-bae2-4b1e-a7db-6c428747a751 China
Simplified SCIP	5b51fcc0-2835-4f43-91a4-562015035c07 Germany bc450e1a-6676-4b87-bb5b-4fa537470bd0 Poland 23d26f18-e8e9-4573-b7ad-0c2bcc70f7a4 Norway 173308a4-4b76-4012-9d78-aa2933e7ef56 France bb826f6a-74d2-4078-8937-dbac25517236 Germany fbf42bfc-307d-4071-811a-478a0177fe3e Germany 553eb9a5-f394-45ae-883a-607ce3b5539e Sweden 36bd16d5-1141-4297-b147-ae2feead596d Finland 791f22eb-25bc-4b1c-beda-58952fc38931 France f8b6fd5b-f83b-436b-a3e9-0145976ae9ff Netherlands 05ef2c38-71bf-40bd-a675-2751705f5962 Germany 30e79e78-3195-48d6-8906-68f93ef66332 Poland 341238b2-cfab-49b8-b7e9-ed28448dfd33 Denmark 8b8569e9-3774-4c39-82d9-99b4aadfe7b8 Sweden 442bf4c6-590d-4066-8d0b-52b0cc8134ec Germany d7a96f0c-67cd-4a7c-941a-0e69c08693ef Poland ac19eb2c-0ba9-4c74-96f9-73ee8d473aa2 Czech Republic 4a51d0a8-9c17-487f-b8f8-a417e500ef17 Hungary 3eff6cf2-281b-400f-9dc7-2671e1bb38ec Portugal d5ef6480-de27-45a4-88fe-ed2e850a7ed2 Belgium 1cb67761-47fc-4037-bf01-5bc3eb3eb868 Bulgaria 283bfc79-984b-4271-a512-98736a1b34ea Greece f19fea0c-125a-4190-aca9-a7757749ffbd Spain

Environmental

Environmental Information	9AKK10103A1058 9AKK108467A6707
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Ordering

E-Number (Finland)	3655421
EAN	8015644626877
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	210 mm
Product Net Height	268 mm
Product Net Depth / Length	103.5 mm
Product Net Weight	9.5 kg

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	305 mm
Package Level 1 Height	285 mm
Package Level 1 Depth / Length	370 mm
Package Level 1 Gross Weight	11 kg

Package Level 1 EAN

8015644626877

Additional Information

Product Main Type	SACE Tmax T
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Suitable For	T6
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 32 W
Rated Current (I_n)	800 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) 150 kA (230 V AC) 150 kA (380 V AC) 75 kA (400 V AC) 75 kA (415 V AC) 75 kA (440 V AC) 60 kA (500 V AC) 49 kA (690 V AC) 22.5 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 200 kA (230 V AC) 200 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 80 kA (500 V AC) 65 kA (690 V AC) 30 kA
Rated Uninterrupted Current (I_u)	800 A
Release	PR221DS-LS/I
Release Type	EL
Short-Circuit Performance Level	L
Standards	IEC
Sub-type	T6
Terminal Connection Type	Fixed Circuit-Breakers Front
Test Voltage Max (U_{test})	3500 V

Certificates and Declarations

Data Sheet, Technical Information	1SDC210015D0201
Declaration of Conformity - CE	9AKK106713A5538
Instructions and Manuals	1SDH000511R0001

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

