



PRODUCT-DETAILS

T6S 800 PR221DS-I In=800 3p F F

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General Information	
Extended Product Type	T6S 800 PR221DS-I In=800 3p F F
Product ID	1SDA060279R1
EAN	8015644627416
Catalog Description	T6S 800 PR221DS-I In=800 3p F F
Long Description	C.BREAKER TMAX T6S 800 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-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	cfe6c2f5-86c4-4a5d-a935-32cfbfe189ac China
Simplified SCIP	8a918250-dd47-4bfa-9773-a3b291812b69 Portugal b61d2cf6-9666-46dc-95ca-68e76c642d95 Czech Republic 6dcd615e-5628-4678-84b2-071cc5bb9ffc Bulgaria 92ec1a3f-e9a9-4047-a61b-fcc555f9e9aa Sweden 6c1e2579-2275-4450-9f42-f161c3640823 Poland 7ef870b1-8165-41d3-822b-50af44d44758 France 5fac7a06-6b2c-4e11-9a9e-1224e91502ce Sweden 82e1ea48-a91a-473b-8bb3-15938f71c10c Germany 17c02c45-6793-4714-92f1-b20a2a786046 Spain 01a09b51-7ca9-4dbc-b9a3-7c251bc0bb0e Poland 2e83c93a-414a-4fb8-a182-cb99ddf54f17 Germany ffac56bc-def8-4ba5-9a6c-6f8f61cbb3ed Germany 736ed53a-c53d-457a-926c-e08679e8f9a7 Norway 9716aa9e-daba-4176-bb3c-b8f88f958f8e Germany 5e5214c1-cae2-41c9-84c1-961c8da9c30c Poland d6caa506-c160-4f52-9167-2a9d5b3cac0a France 8df0d69d-b9d9-48b3-89d5-013acb6453f8 Hungary 65480c23-57ed-4a72-b6f3-70e04d846a02 Greece 4faba6ba-ae4e-4ca7-a568-d2e1e2ce7e97 Denmark 48140baf-4ceb-4def-9285-1f9155d68292 Finland b701693b-7247-41a6-b810-68e52cb6dd36 Germany 3ae27951-061d-47a7-beae-3914cd275124 Netherlands c2a8d42e-1495-4304-940c-f3a707ca9ec7 Belgium

Environmental

Environmental Information	9AKK10103A1058 9AKK108467A6707
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Ordering

EAN	8015644627416
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	8015644627416

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) 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) 45 kA (500 V AC) 35 kA (690 V AC) 16.5 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) 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) 45 kA (500 V AC) 35 kA (690 V AC) 22 kA
Rated Uninterrupted Current (I_u)	800 A
Release	PR221DS-I
Release Type	EL
Short-Circuit Performance Level	S
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

