

PRODUCT-DETAILS

T4N 320 PR221DS-LS/I In=320 3p F F

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General Information	
Extended Product Type	T4N 320 PR221DS-LS/I In=320 3p F F
Product ID	1SDA054117R1
EAN	8015644552169
Catalog Description	T4N 320 PR221DS-LS/I In=320 3p F F
Long Description	C.BREAKER TMAX T4N 320 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 320

Circular Value	
Conflict Minerals Reporting Template (CMRT)	Document availability on demand
Toxic Substances Control Act - TSCA	9AKK108467A8326

Environmental	
Environmental Information	9AKK10103A1057
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	c8261068-2394-4e97-b79c-4aa8dfdf22fd Italy (IT)

Ordering

E-Number (Finland)	3655174
E-Number (Sweden)	3180305
EAN	8015644552169
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	105 mm
Product Net Height	205 mm
Product Net Depth / Length	103.5 mm
Product Net Weight	3.639 kg

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	250 mm
Package Level 1 Height	246 mm
Package Level 1 Depth / Length	290 mm
Package Level 1 Gross Weight	3.83 kg
Package Level 1 EAN	8015644552169

Additional Information

Electrical Durability	6000 cycle 120 cycles per hour
Gross Volume	17,835 cm <sup>3</sup>
Mechanical Durability	20000 cycle 240 cycles per hour
Number of Poles	3
Power Loss	at Rated Operating Conditions per Pole 17.6 W
Product Main Type	SACE Tmax T
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I <sub>n</sub> )	320 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Insulation Voltage (U <sub>i</sub> )	1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(220 V AC) 70 kA (230 V AC) 70 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA

	(440 V AC) 30 kA (500 V AC) 25 kA (690 V) 20 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(220 V AC) 70 kA (230 V AC) 70 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 30 kA (500 V AC) 25 kA (690 V AC) 20 kA
Rated Uninterrupted Current (I <sub>u</sub> )	320 A
Release	PR221DS-LS/I
Release Type	EL
RoHS Date	NA
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	T4
Suitable For	T4
Suitable for Product Class	Moulded Case Circuit Breakers
Terminal Connection Type	Fixed Circuit-Breakers Front
Test Voltage Max (U <sub>test</sub> )	3500 V
Test Voltage at Industrial Frequency for 1 Minute	3500 V
Version	F

### Certificates and Declarations

Data Sheet, Technical Information	1SDC210004D0203
Declaration of Conformity - CE	9AKK106713A5540
Instructions and Manuals	1SDH000436R0001
Instructions and Manuals (Part 2)	ITSCE-RH0100001

### Classifications

ETIM 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 8	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

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## Categories

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

