

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



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

## General Information

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

## Additional Information

<b>ABB Industrial IT Suite:</b>	Protect IT
<b>Country of Origin:</b>	Italy (IT)
<b>Customs Tariff Number:</b>	85362090
<b>Data Sheet, Technical Information:</b>	1SDC210004D0203
<b>Declaration of Conformity - CE:</b>	1SDL000165R0004
<b>E-number:</b>	3180305
<b>EAN:</b>	8015644552169
<b>ETIM 4:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
<b>ETIM 5:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
<b>ETIM 6:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
<b>Electrical Durability:</b>	6000 cycle 120 cycles per hour
<b>Environmental Information:</b>	1SDL000143R0
<b>IT Publishing Status:</b>	Level 0 - Information enabled
<b>Industrial IT Certification Level:</b>	0
<b>Instructions and Manuals:</b>	1SDH000436R0001
<b>Instructions and Manuals (Part 2):</b>	ITSCE-RH0100001
<b>Invoice Description:</b>	T4N 320 PR221DS-LS/I In=320 3p F F
<b>Mechanical Durability:</b>	20000 cycle 240 cycles per hour
<b>Minimum Order Quantity:</b>	1 piece
<b>Number of Poles:</b>	3
<b>Object Classification Code:</b>	Q
<b>Package Level 1 EAN:</b>	8015644552169
<b>Package Level 1 Gross Weight:</b>	3.5 kg
<b>Package Level 1 Height:</b>	240 mm
<b>Package Level 1 Length:</b>	285 mm
<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	248 mm
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 17,6 W
<b>Product Main Type:</b>	SACE Tmax T
<b>Product Name:</b>	Moulded Case Circuit Breaker
<b>Product Net Depth:</b>	103.5 mm
<b>Product Net Height:</b>	205 mm
<b>Product Net Weight:</b>	3.5 kg
<b>Product Net Width:</b>	105 mm
<b>Product Type:</b>	CB
<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 320 A

Rated Current (In):	Main Circuit 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 AC) 20 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	(220 V AC) 7 kA (230 V AC) 7 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 (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 25 kA (500 V DC) 3 Poles in Series 16 kA
Rated Uninterrupted Current (I <sub>u</sub> ):	320 A
Release:	PR221DS-LS/I
Release Type:	EL
RoHS Information:	1SDL000200R0001
RoHS Status:	Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2007-01-01
Selling Unit of Measure:	piece
Short Description:	T4N 320 PR221DS-LS/I In=320 3p F F
Short-Circuit Performance Level:	N
Size:	T4N
Standards:	IEC 60947
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
UNSPSC:	39121100
Version:	F

