

# T5N 630 PR221DS-LS/I In=630 3p F F



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

## General Information

<b>Extended Product Type:</b>	T5N 630 PR221DS-LS/I In=630 3p F F
<b>Product ID:</b>	1SDA054396R1
<b>EAN:</b>	8015644554941
<b>Catalog Description:</b>	T5N 630 PR221DS-LS/I In=630 3p F F
<b>Long Description:</b>	C.BREAKER TMAX T5N 630 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 630

## Ordering

<b>EAN:</b>	8015644554941
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85362090

## Dimensions

<b>Product Net Width:</b>	140 mm
<b>Product Net Height:</b>	205 mm
<b>Product Net Depth / Length:</b>	103.5 mm
<b>Product Net Weight:</b>	3.25 kg

## Container Information

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	248 mm
<b>Package Level 1 Height:</b>	240 mm
<b>Package Level 1 Depth / Length:</b>	285 mm
<b>Package Level 1 Gross Weight:</b>	5.1 kg
<b>Package Level 1 EAN:</b>	8015644554941

## Additional Information

<b>Electrical Durability:</b>	5000 cycle 60 cycles per hour
<b>Mechanical Durability:</b>	20000 cycle 120 cycles per hour
<b>Number of Poles:</b>	3
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 41 W
<b>Product Main Type:</b>	SACE Tmax T

<b>Product Name:</b>	Moulded Case Circuit Breaker
<b>Product Type:</b>	CB
<b>Rated Current (<math>I_n</math>):</b>	Main Circuit 630 A
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	8 kV
<b>Rated Insulation Voltage (<math>U_i</math>):</b>	1000 V
<b>Rated Operational Voltage:</b>	690 V AC
<b>Rated Service Short-Circuit Breaking Capacity (<math>I_{cs}</math>):</b>	(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
<b>Rated Short-time Withstand Current (<math>I_{cw}</math>):</b>	for 1 s 5 A
<b>Rated Ultimate Short-Circuit Breaking Capacity (<math>I_{cu}</math>):</b>	(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 (250 V DC) 2 Poles in Series 36 kA (500 V DC) 2 Poles in Series 25 kA (750 V DC) 3 Poles in Series 16 kA
<b>Rated Uninterrupted Current (<math>I_u</math>):</b>	630 A
<b>Release Type:</b>	EL
<b>Standards:</b>	IEC
<b>Sub-type:</b>	T5
<b>Suitable For:</b>	T5
<b>Suitable for Product Class:</b>	Moulded Case Circuit Breakers
<b>Terminal Connection Type:</b>	Fixed Circuit-Breakers Front
<b>Test Voltage Max (<math>U_{test}</math>):</b>	3500 V
<b>Test Voltage at Industrial Frequency for 1 Minute:</b>	3500 V
<b>Version:</b>	F

Certificates and Declarations (Document Number)

**Data Sheet, Technical Information:** 1SDC210004D0203

**Declaration of Conformity - CE:** 1SDL000165R0005

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**Environmental Information:** 1SDL000143R0

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**Instructions and Manuals:** 1SDH000437R0001

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**RoHS Information:** 1SDL000200R0001

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## Classifications

**E-number:** 3180374

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**ETIM 4:** EC000228 - Power circuit-breaker for trafo/generator/installation prot.

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**ETIM 5:** EC000228 - Power circuit-breaker for trafo/generator/installation prot.

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**ETIM 6:** EC000228 - Power circuit-breaker for trafo/generator/installation prot.

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**Object Classification Code:** Q

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**UNSPSC:** 39121100

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