

T5S 630 PR221DS-I In=630 3p F F



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

General Information

Extended Product Type:	T5S 630 PR221DS-I In=630 3p F F
Product ID:	1SDA054405R1
EAN:	8015644555030
Catalog Description:	T5S 630 PR221DS-I In=630 3p F F
Long Description:	C.BREAKER TMAX T5S 630 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-I R 630

Additional Information

ABB Industrial IT Suite:	Protect IT
Country of Origin:	Italy (IT)
Customs Tariff Number:	85362090
Data Sheet, Technical Information:	1SDC210004D0203
Declaration of Conformity - CE:	1SDL000165R0005
EAN:	8015644555030
ETIM 4:	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
ETIM 5:	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
ETIM 6:	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
Electrical Durability:	5000 cycle 60 cycles per hour
Environmental Information:	1SDL000143R0
GL Certificate:	1SDL000163R0062
IIT Publishing Status:	Level 0 - Information enabled
Industrial IT Certification Level:	0
Instructions and Manuals:	1SDH000437R0001
Instructions and Manuals (Part 2):	ITSCE-RH0100001
Invoice Description:	T5S 630 PR221DS-I In=630 3p F F
Mechanical Durability:	20000 cycle 120 cycles per hour
Minimum Order Quantity:	1 piece
Number of Poles:	3
Object Classification Code:	Q
Package Level 1 EAN:	8015644555030
Package Level 1 Gross Weight:	5.1 kg
Package Level 1 Height:	240 mm
Package Level 1 Length:	285 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	248 mm
Power Loss:	at Rated Operating Conditions per Pole 41 W
Product Main Type:	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker
Product Net Depth:	103.5 mm
Product Net Height:	205 mm
Product Net Weight:	5.1 kg
Product Net Width:	140 mm
Product Type:	CB
Rated Current (I _n):	Main Circuit 630 A

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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) 40 kA (500 V AC) 30 kA (690 V AC) 25 kA
Rated Short-time Withstand Current (I_{cw}):	for 1 s 5 A
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 8.5 kA (230 V AC) 8.5 kA (380 V AC) 50 kA (400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 40 kA (500 V AC) 36 kA (690 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 2 Poles in Series 36 kA (750 V DC) 3 Poles in Series 25 kA
Rated Uninterrupted Current (I_u):	630 A
Release:	PR221DS-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:	T5S 630 PR221DS-I In=630 3p F F
Short-Circuit Performance Level:	S
Size:	T5S
Standards:	IEC 60947
Sub-type:	T5
Suitable For:	T5
Suitable for Product Class:	Moulded Case Circuit Breakers
Terminal Connection Type:	Fixed Circuit-Breakers Front
Test Voltage Max (U_{test}):	3500 V
Test Voltage at Industrial Frequency for 1 Minute:	3500 V
Version:	F

