PRODUCT-DETAILS

E3V1600PR121/P-LSIGIn=1600A3pFHR

E3V 1600 PR121/P-LSIG In=1600A 3p F HR



General Information

Extended Product Type	E3V1600PR121/P-LSIGIn=1600A3pFHR
Product ID	1SDA056594R1
EAN	8015644579340
Catalog Description	E3V 1600 PR121/P-LSIG In=1600A 3p F HR
Long Description	SACE EMAX CIRCUIT-BREAKER E3V 1600A THRE-POLE FIXED WITH TERMINALS REAR HORIZONTAL OVERCURRENT RELEASE PR121/P-LSIG R1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

Circular Value

Conflict Minerals Reporting Template (CMRT)	Document availability on demand

Environmental

Environmental Information	9AKK10103A6076

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REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Ordering

EAN	8015644579340
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	404 mm
Product Net Height	418 mm
Product Net Depth / Length	302 mm
Product Net Weight	60 kg

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	515 mm
Package Level 1 Height	600 mm
Package Level 1 Depth / Length	615 mm
Package Level 1 Gross Weight	72 kg
Package Level 1 EAN	8015644579340

Additional Information

Current Type	AC
Electrical Durability	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 10000 cycle 20 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3
Power Loss	85 W
Product Main Type	SACE Emax
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Rated Current (I_n)	1600 A
Rated Voltage (U_r)	690 V
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Current (I_e)	1600 A
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking	(220 V AC) 100 kA (230 V AC) 100 kA

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Capacity (I_{cs})	(380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 85 kA for 3 s 65 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 130 kA (230 V AC) 130 kA (380 V AC) 130 kA (400 V AC) 130 kA (415 V AC) 130 kA (440 V AC) 130 kA (500 V AC) 100 kA (660 V AC) 100 kA (690 V AC) 100 kA
Rated Uninterrupted Current (I_u)	1600 A
Release	PR121/P-LSIG
Release Type	EL
Short-Circuit Performance Level	V
Standards	IEC
Sub-type	E3
Terminal Connection Type	Fixed Circuit-Breakers Rear flat Horizontal
Version	F

Certificates and Declarations

Data Sheet, Technical Information	1SDC200006D0209
Declaration of Conformity - CE	1SDL000165R0015
Instructions and Manuals	1SDH000460R0002

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	39120000
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax



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