



**Electric Automation**  
Automation specialists

Reference: E3V1600  
Code: 1SDA056593R1

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

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SACE EMAX CIRCUIT-BREAKER E3V 1600A THRE-POLE FIXED WITH TERMINALS REAR HORIZONTAL OVERCURRENT RELEASE PR121/P-LSI R1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

### Ordering

EAN:	8015644579333
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090

### Dimensions

Product Net Width:	404 mm
Product Net Height:	418 mm
Product Net Depth:	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 Length:	615 mm

Package Level 1 Gross Weight:	72 kg
Package Level 1 EAN:	8015644579333

## Additional Information

Electrical Durability:	10000 cycle 20 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour
Number of Poles:	3
Power Loss:	at Rated Operating Conditions per Pole 85 W
Product Main Type:	SACE Emax
Product Name:	Automatic Circuit Breaker
Product Type:	CB
Rated Current ( $I_n$ ):	1600 A
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 Capacity ( $I_{cs}$ ):	(220 V AC) 100 kA (230 V AC) 100 kA (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 ( $I_{cw}$ ):	for 1 s 130 kA for 3 s 130 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 (525 V AC) 100 kA (660 V AC) 100 kA (690 V AC) 100 kA
Rated Uninterrupted Current ( $I_u$ ):	1600 A
Rated Voltage ( $U_r$ ):	690 V
Release Type:	EL
Standards:	IEC 60947
Sub-type:	E3
Terminal Connection Type:	Fixed Circuit-Breakers Rear flat Horizontal
Version:	F

## Certificates and Declarations (Document Number)

Data Sheet, Technical Information:	1SDC200006D0209
Declaration of Conformity - CE:	1SDL000165R0015

## Classifications

ETIM 4:	EC000228 - Power circuit-breaker for trafo/generator/ installation prot.
ETIM 5:	EC000228 - Power circuit-breaker for trafo/generator/ installation prot.
Object Classification Code:	Q
UNSPSC:	39120000