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 PRODUCT-DETAILS

# E2N1600PR121/P-LSIn=1600A3pFHR

## E2N 1600 PR121/P-LSI In=1600A 3p F HR




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**General Information**

Extended Product Type	E2N1600PR121/P-LSIn=1600A3pFHR
Product ID	1SDA055889R1
EAN	8015644572297
Catalog Description	E2N 1600 PR121/P-LSI In=1600A 3p F HR
Long Description	SACE EMAX CIRCUIT-BREAKER E2N 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

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**Material Compliance**

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT)	Document availability on demand
SCIP	964c5440-36f7-4d09-bcbc-d190c81afd7b Italy
Simplified SCIP	022fc433-26cb-451e-9069-5045ceaf0670 France de7731f7-4e8c-4105-a76d-3a12cf067e6b Spain af02a3f6-60f3-42b1-a485-b3b14b63de3a Sweden d9d46eec-5963-490a-aae5-5f02277c234b Germany

40f34870-df5f-4448-b507-877e31a0d0da Hungary  
 d99ce661-40e9-4d7a-86a6-58e33629cd7f Belgium  
 88fea861-d24f-4e16-a132-c75c21deddee Germany  
 c053d5fc-e383-4478-9f5f-ef5daee1cbe1 Estonia  
 a23b2e30-35ad-46da-96bc-9d60804b8857 Greece  
 aad316d6-4cc6-4f6c-9461-43d3b7942dd2 Sweden  
 23961159-b445-4225-9371-fee5928ec509 Portugal  
 8f8cac8b-a91d-40db-b070-afa54817aafe Germany  
 20e66c28-2827-4263-a788-a93a8bb4f68a France  
 bb2e4bc0-37cb-4a71-bf52-276640588f31 Bulgaria  
 19107278-cfbc-44d7-8dd7-17c316809760 Poland  
 e219374f-7dc6-4178-ad1b-e24e6b354227 Hungary  
 8d004d6c-81cd-459c-b255-3e9bd12837c8 Netherlands  
 71fac297-b643-4763-88c7-38572ea737df Poland  
 bc2cf8a0-06a8-4ba6-8d9f-f508ce62d40e Croatia  
 f7e0bd0c-6d08-4beb-abac-29998e5830a4 Germany  
 c58800bf-c3b5-42ba-8ff4-28775a4c1868 Czech Republic  
 65987bf5-3428-48cd-8bc7-a395a63e8fc1 Belgium  
 1ddacd58-a4ed-4ac2-821e-863689c23fa7 Finland  
 f88da427-9417-4e19-afb9-7d59f2bd76a6 Poland  
 0be84830-aa2d-4978-87f0-21536b1a1e91 Norway  
 90df57ff-996d-4cfb-b25d-02b80621f224 Denmark  
 199bb0ff-453f-4f4c-b04d-bc87ca3e6752 Germany

**Environmental**

Environmental Information 9AKK10103A6076

**Ordering**

EAN 8015644572297  
 Minimum Order Quantity 1 piece  
 Customs Tariff Number 85362090

**Dimensions**

Product Net Width 296 mm  
 Product Net Height 418 mm  
 Product Net Depth / Length 302 mm  
 Product Net Weight 45 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 515 mm  
 Package Level 1 Gross Weight 55 kg  
 Package Level 1 EAN 8015644572297

**Additional Information**

Product Main Type SACE Emax  
 Product Name Air Circuit Breaker  
 Product Type Air Circuit Breaker  
 Version F

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**Technical**


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Current Type	AC
Electrical Durability	U <sub>e</sub> =< 440 V 12000 cycle U <sub>e</sub> = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Number of Poles	3P
Power Loss	115 W
Rated Current (I <sub>n</sub> )	1600 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	12 kV
Rated Insulation Voltage (U <sub>i</sub> )	1000 V
Rated Operational Current (I <sub>e</sub> )	1600 A
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(220 V AC) 65 kA (230 V AC) 65 kA (380 V AC) 65 kA (400 V AC) 65 kA (415 V AC) 65 kA (440 V AC) 65 kA (500 V AC) 55 kA (660 V AC) 55 kA (690 V AC) 55 kA
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 55 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(220 V AC) 65 kA (230 V AC) 65 kA (380 V AC) 65 kA (400 V AC) 65 kA (415 V AC) 65 kA (440 V AC) 65 kA (500 V AC) 55 kA (660 V AC) 55 kA (690 V AC) 55 kA
Rated Uninterrupted Current (I <sub>u</sub> )	1600 A
Rated Voltage (U <sub>r</sub> )	690 V
Release	PR121/P-LSI
Release Type	EL
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	E2
Terminal Connection Type	Fixed Circuit-Breakers Rear flat Horizontal

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**Certificates and Declarations**


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Data Sheet, Technical Information	1SDC200006D0209
Declaration of Conformity - CE	1SDL000165R0014
Instructions and Manuals	1SDH000460R0002

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**External Classifications and Standards**


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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

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

