



PRODUCT-DETAILS

E1.2C 800 Ekip Dip LSI 3p F F

E1.2C 800 Ekip Dip LSI 3p F F



General Information	
Extended Product Type	E1.2C 800 Ekip Dip LSI 3p F F
Product ID	1SDA070752R1
EAN	8015644746025
Catalog Description	E1.2C 800 Ekip Dip LSI 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2C 800 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSI R 800 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 76.4 %
Principles Recyclability Rate	
Conflict Minerals	9AKK108467A5658

Reporting Template (CMRT)	
End of Life Instructions	9AKK108468A2360
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028
---	------------------------------------

Environmental

Environmental Information	9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	f36447a2-5f69-437f-9988-a7d06f4ab525 Italy (IT)
Simplified SCIP	280cd46e-3210-42eb-bafd-a29e889184cb Finland (FI) b9473747-070f-458b-b13e-8ff0e45eb016 Belgium (BE) 138aecc3-cbe6-4190-aa83-9c66e81e405d Hungary (HU) 3fac433f-2294-4d70-a08e-52fc9dbd5f85 Croatia (HR) 50eb90e4-99f8-4aa8-b59a-22caa0c95865 Poland (PL) 2eb7b35e-151a-41f4-a1f1-79da83cab34b Germany (DE) dcde5141-0a6b-4dde-8a35-b71cde1ccfbc Germany (DE) 8604ca66-11c1-4b46-813a-e27f0a35c235 France (FR) eb289f16-ecc5-43e4-a2e5-0329a822c404 Norway (NO) b3757904-d488-4370-98e5-2ec6c4cdbcac Denmark (DK) b1a52d4f-a5de-4fad-9f31-333166c6731d Germany (DE) 1a9b93a7-37ed-40f9-945b-3b078fcf3061 Estonia (EE) 021cf269-a09f-4116-b2a4-b7ee8d83d546 Portugal (PT) c2c8a41e-0bf4-47de-acd7-926295024508 Poland (PL) 47cfdc5f-431f-4ce8-ba45-7017ed501592 Sweden (SE) df28e82b-d7f8-4261-bc65-0d35e0727312 Bulgaria (BG) 811c8c55-a5ab-4524-8ec2-bf49bc420ce9 Sweden (SE) 7b260226-68b4-48ea-bc46-65a637cbfd86 Netherlands (NL) 2f6ef1e6-7d24-4f01-b150-05733a94919f Greece (GR) 56b06c12-06a3-4c35-8569-9d28a152eb46 Czech Republic (CZ) 335ce18d-86ad-4496-9f5b-1cc6db6d2e44 Poland (PL) ae58db40-50b8-4c1f-a047-ababc87a35b2 Germany (DE) 54b2f5b5-b06a-4c90-9764-7d9a5d7331e6 Spain (ES) 4d9131eb-6097-4a8e-bfcb-3fb3c6bf4df9 Belgium (BE) d82646b1-22b7-4cb2-892e-7f6ade718686 France (FR) 689db19f-3e71-4ba5-accf-f5028b1949eb Germany (DE) 81f84117-b97f-48b4-99e8-9b3cc17ca991 Hungary (HU)

Ordering

Order Code US and Canada	Z1CPEFB000A000000XX
EAN	8015644746025
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	210 mm
-------------------	--------

Product Net Height	296 mm
Product Net Depth / Length	183 mm
Product Net Weight	14 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	270 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	16 kg
Package Level 1 EAN	8015644746025

Additional Information

Current Type	AC
Electrical Durability	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3
Power Loss	50 W
Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Rated Service Short-Circuit Breaking Capacity, in % of I _{cs}	100 %
Rated Current (I _n)	800 A
Rated Voltage (U _r)	690 V
Rated Impulse Withstand Voltage (U _{imp})	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i)	AC 1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(220 V AC) 50 kA (230 V AC) 50 kA (380 V AC) 50 kA (400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 42 kA (660 V AC) 42 kA (690 V AC) 42 kA
Rated Short-time Withstand Current Low Voltage (I _{cw})	for 1 s 42 kA for 3 s 24 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA
Rated Uninterrupted	800 A

Current (I _u)	
Recommended Screw Driver	Main Circuit M10
Release	Ekip Dip LSI
Release Type	EL
Short-Circuit Performance Level	C
Standards	IEC
Sub-type	E1.2
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	45 N·m
Version	F
CAD Dimensional Drawing	1SDH001252R0001

Certificates and Declarations

ATEX Certificate	No certification needed
CSA Certificate	No certification needed
CSA Certificate (Intrinsic Safe)	No certification needed
Data Sheet, Technical Information	1SDC200023D0209
Declaration of Conformity - CE	9AKK106713A5546
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH000999R0101
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH000999R0002

Classifications

ETIM 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
IDEA Granular Category Code (IGCC)	4926 >> Air circuit breakers
Object Classification Code	Q
UNSPSC	39121615
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.1 : 27370409

Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2

