



PRODUCT-DETAILS

E1.2C 630 Ekip Dip LSIG 3p F F

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General Information	
Extended Product Type	E1.2C 630 Ekip Dip LSIG 3p F F
Product ID	1SDA070713R1
EAN	8015644745639
Catalog Description	E1.2C 630 Ekip Dip LSIG 3p F F
Long Description	C.BREAKER SACE EMAX2 E1.2C 630 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 630 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED
ABB EcoSolutions	
ABB EcoSolutions	Yes
Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 76.4 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

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
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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	9f25d12e-6c59-4f55-941c-82300c5a21c6 Italy (IT)
Simplified SCIP	35300449-448c-45aa-afd4-49e054ee2c80 Hungary (HU) ad253fc1-2116-47cb-9ca1-0a8b06f893cf Finland (FI) 4f543c02-2c63-4b79-8684-c66478d7a7e4 Belgium (BE) b60f7780-3843-4621-8e99-1a199be87b15 Croatia (HR) c9c6a9ca-8124-43af-aa03-8ce01692349b Poland (PL) a26ec055-7f48-47e2-84bf-0ad46c73302e Germany (DE) 64585c76-2527-44db-8dcc-8d2b53c0fb63 Germany (DE) 33193691-6443-47c0-877c-7c110f1e9853 France (FR) 44970664-9bba-4c9f-bbfb-cd521eab6de3 Sweden (SE) f59f0005-02ae-48d0-801b-0695291e3196 Poland (PL) 911557fc-8a7e-47f3-8576-f73323ec539c Sweden (SE) 53cddd81-97c0-4170-80fb-7e1932135c0b Netherlands (NL) 5b5c8cf9-cb6e-4092-9c91-41e7509e5188 Germany (DE) ff396132-3331-4ff6-a3a1-1a5187021f9b Czech Republic (CZ) 1dd2dae8-a3c5-4cb5-a7ea-609c02f6e08c Poland (PL) 40d3bab2-45ee-490c-b58d-148ef97cb227 Bulgaria (BG) 4421c7a3-1703-4718-a021-f35284b67731 Norway (NO) 515c142a-06ad-4b57-ae76-8abf6c7d58cd Portugal (PT) 8e9d0ba5-d121-4c35-a707-1406329b03a8 Denmark (DK) 32cacd4f-50e9-4615-be6d-9051fc630ee5 Germany (DE) 3e18f838-58df-4b8e-961c-f94f61ad6761 Estonia (EE) c5e10116-24c6-48bf-a7fb-e82dada6c307 Greece (GR) 96037c97-11f4-4e4f-9f01-b56f7b1e02d0 Germany (DE) 2ad864b6-5337-4f55-9ce6-32c6764e1a7e Hungary (HU) 54e484ec-7169-4290-91df-45f432b3a7b5 Spain (ES) e0ae13b6-a703-4de6-a391-85ca68520bff France (FR) 24f77ef1-70ad-47f4-b83b-1c3020217c5a Belgium (BE)

Ordering

Order Code US and Canada	Z1CNEEBC000A000000XX
EAN	8015644745639
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	8015644745639

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	31 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 Icu (Ics)	100 %
Rated Current (In)	630 A
Rated Voltage (Ur)	690 V
Rated Impulse Withstand Voltage (Uimp)	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (Ui)	AC 1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (Ics)	(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 (Icw)	for 1 s 42 kA for 3 s 24 kA
Rated Ultimate Short-Circuit Breaking Capacity (Icu)	(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 Current (Iu)	630 A
Recommended Screw Driver	Main Circuit M10
Release	Ekip Dip LSIG
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

