



PRODUCT-DETAILS

# E4.2V 4000 Ekip Dip LI 3p F HR

## E4.2V 4000 Ekip Dip LI 3p F HR



### General Information

Extended Product Type	E4.2V 4000 Ekip Dip LI 3p F HR
Product ID	1SDA071221R1
EAN	8015644750718
Catalog Description	E4.2V 4000 Ekip Dip LI 3p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2V 4000 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 4000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

### ABB EcoSolutions

ABB EcoSolutions	Yes
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### Circular Value

Circular Design	Design for Closing Resource Loops - Standard EN45555 - 79.3 %
Principles Recyclability Rate	
Conflict Minerals	9AKK108467A5658

Reporting Template  
(CMRT)

End of Life Instructions	9AKK108468A2363
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	9AKK108468A1904 9AKK108468A1910
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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	3bc060e7-331b-4845-9578-43281338fad7 Italy (IT)
Simplified SCIP	758b5082-2d2b-4f1f-ae5d-469d5df66d7e Germany (DE) 9668a536-c52e-4a7d-9f8e-db8919e7cbfa Poland (PL) 52319acc-f753-4102-ae8-036a88d129e4 Poland (PL) fe7c270c-478c-4126-9bd8-60e958bfdef0 Czech Republic (CZ) 34a54260-5b83-4728-b875-6555eb9b63d4 Sweden (SE) 03b8af72-3cec-420d-a13f-36c25da53f21 Portugal (PT) 7be4ba70-b98d-4c75-9027-ff95aaa462cc Belgium (BE) b1b81fbb-e154-4b29-899c-ba99f31e467d Spain (ES) 8091c1fd-2aa2-4e25-907c-9c27ec34c2dc Hungary (HU) dfe95a3c-7fab-49f4-9570-e47857a771a1 Norway (NO) f0969fc5-4e9f-4cee-a445-9c3f7209edb2 Poland (PL) aec79f5e-aeb0-4633-a820-588845b43b1b Bulgaria (BG) e1a8c640-14bf-4b10-ac51-3a84a588518a Germany (DE) b9c2e1a2-4604-45bc-aab4-1f6798d9ae95 Germany (DE) 8033ee67-cee6-431c-8d6d-51675d222a97 Croatia (HR) cc3dc7df-b4c6-4ea1-9513-54d9055cdd1c Denmark (DK) 8c3a1773-d9c2-4044-a112-6381ab1f2630 Germany (DE) 0fbca3c1-dfb4-4d36-b5c8-9bf327f7df7e Germany (DE) 56b7f8d7-b486-4565-ae3-bae6dd71c783 Sweden (SE) 26f6b73d-11b2-400e-a474-af64f3a0432e Belgium (BE) 1e47c9f1-e8ce-44f1-a5b8-24632d9f4c5f Estonia (EE) 3271c045-d8ba-458f-bc1a-52a299c34de5 Netherlands (NL) 6cf4a534-a345-428f-ac45-e8fe91a8a032 Finland (FI) dc3aa9d8-547c-426e-bcf4-59f8b49a0110 Greece (GR) badf12d3-3013-44f1-86a0-92dadbfbe89a France (FR) ad904118-be52-4035-8d02-a95dab4d8e64 France (FR) 20786fcd-b845-44d3-b834-bc41c7188db3 Hungary (HU)

**Ordering**

Order Code US and Canada	Z4VWERBA000A000000XX
EAN	8015644750718
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

**Dimensions**

Product Net Width	384 mm
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Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	56 kg

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	515 mm
Package Level 1 Height	610 mm
Package Level 1 Depth / Length	615 mm
Package Level 1 Gross Weight	63 kg
Package Level 1 EAN	8015644750718

## Additional Information

Current Type	AC
Electrical Durability	Ue = < 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour
Mechanical Durability	15000 cycle 60 cycles per hour
Number of Poles	3
Power Loss	465 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 <sub>cs</sub>	100 %
Rated Current (I <sub>n</sub> )	4000 A
Rated Voltage (U <sub>r</sub> )	690 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U <sub>i</sub> )	AC 1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(220 V AC) 150 kA (230 V AC) 150 kA (380 V AC) 150 kA (400 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 100 kA (660 V AC) 100 kA (690 V AC) 100 kA
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 100 kA for 3 s 75 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(400 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 100 kA (525 V AC) 100 kA (690 V AC) 100 kA
Rated Uninterrupted	4000 A

Current (I <sub>u</sub> )	
Recommended Screw Driver	Main Circuit M12
Release	Ekip Dip LI
Release Type	EL
Short-Circuit Performance Level	V
Standards	IEC
Sub-type	E4.2
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt
Tightening Torque	70 N·m
Version	F
CAD Dimensional Drawing	1SDH001252R0171

## 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	9AKK106713A5545
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001001R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002

## 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

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## Categories

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

