



PRODUCT-DETAILS

E4.2V 4000 Ekip Dip LSI 3p F HR

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General Information	
Extended Product Type	E4.2V 4000 Ekip Dip LSI 3p F HR
Product ID	1SDA071222R1
EAN	8015644750725
Catalog Description	E4.2V 4000 Ekip Dip LSI 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-LSI R 4000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED ELETTRONICO IN CA Ekip/DIP-LSI R 4000 COMPLETO DI: 4 CONTATTI AUSILIARI DELL'INTERRUTTORE IN POSIZIONE DI APERTO-CHIUSO

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 79.3 %
Principles Recyclability	

Rate	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2363
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

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	5db9272f-d385-4a4a-a0e6-73274e7613b2 Italy (IT)

Ordering

Order Code US and Canada	Z4VWERBB000A000000XX
EAN	8015644750725
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	384 mm
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	8015644750725

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 Icu (Ics)	100 %
Rated Current (In)	4000 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) 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 (Icw)	for 1 s 100 kA for 3 s 75 kA
Rated Ultimate Short-Circuit Breaking Capacity (Icu)	(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 Current (Iu)	4000 A
Recommended Screw Driver	Main Circuit M12
Release	Ekip Dip LSI
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
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CSA Certificate	No certification needed
CSA Certificate (Intrinsic Safe)	No certification needed
Data Sheet, Technical Information	1SDC200023D0109 1SDC200023D0209 1SDC200023D0709 1SDC200023D0309 1SDC200023D0909 1SXF200023C2001
Declaration of Conformity - CE	9AKK106713A5545
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001001R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0003 1SDH001000R0002 1SDH001000R0005 1SDH001000R0004 1SDH001000R0001 1SDH001000R0006

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

