



PRODUCT-DETAILS

E4.2C 4000 Ekip Dip LI 3p FHR

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General Information	
Extended Product Type	E4.2C 4000 Ekip Dip LI 3p FHR
Product ID	1SDA085287R1
EAN	8015644921422
Catalog Description	E4.2C 4000 Ekip Dip LI 3p FHR
Long Description	C.BREAKER SACE EMAX2 E4.2C 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
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 79.3 %
Principles Recyclability Rate	
End of Life Instructions	9AKK108468A2363
Environmental Product Declaration - EPD	9AKK108468A1904
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

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)		9AKK108467A5658
Toxic Substances Control Act - TSCA		9AKK108467A8326

Environmental		
Environmental Information		9AKK108467A6707

Ordering		
EAN		8015644921422
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		8015644921422

Additional Information		
Product Main Type		SACE Emax 2
Product Name		Air Circuit Breaker
Product Type		Air Circuit Breaker
Version		F

Technical		
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
Rated Current (I _n)	4000 A
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) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 50 kA (660 V AC) 50 kA (690 V AC) 50 kA
Rated Service Short- Circuit Breaking Capacity, in % of I _{cu} (I _{cs})	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw})	for 1 s 55 kA for 3 s 50 kA
Rated Ultimate Short- Circuit Breaking Capacity (I _{cu})	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 50 kA (525 V AC) 50 kA (690 V AC) 50 kA
Rated Uninterrupted Current (I _u)	4000 A
Rated Voltage (U _r)	690 V
Release	Ekip Dip LI
Release Type	EL
Short-Circuit Performance Level	C
Standards	IEC
Sub-type	E4.2
Terminal Connection Type	Rear flat Horizontal

Certificates and Declarations

Data Sheet, Technical Information	1SDC200023D0209
Declaration of Conformity - CE	9AKK106713A5545
Instructions and Manuals	1SDH001000R0002

Classifications

ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation
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		protection
ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation	protection
Object Classification Code		Q
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

