PRODUCT-DETAILS

E6.2H 5000 Ekip Touch LI 4p F HR

E6.2H 5000 Ekip Touch LI 4p F HR



General Information

Extended Product Type	E6.2H 5000 Ekip Touch LI 4p F HR
Product ID	1SDA071894R1
EAN	8015644757441
Catalog Description	E6.2H 5000 Ekip Touch LI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E6.2H 5000 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LI R 5000 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 - 77 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

© 2024 ABB. All rights reserved.

End of Life Instructions	9AKK108468A2364
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	9AKK108468A1905 9AKK108468A1913

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

Ordering

Order Code US and Canada	ZDHXESBD000A000000XX
EAN	8015644757441
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	888 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	125 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	1127 mm
Package Level 1 Gross Weight	134 kg
Package Level 1 EAN	8015644757441

Additional Information

Current Type	AC
Electrical Durability	Ue =< 440 V 3000 cycle Ue = 500 ... 690 V 2000 cycle 10 cycles per hour
Mechanical Durability	12000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	50 %
Number of Poles	4
Power Loss	483 W

© 2024 ABB. All rights reserved.

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 (I_{cs})	100 %
Rated Current (I_n)	5000 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) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 100 kA (660 V AC) 100 kA (690 V AC) 100 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 100 kA for 3 s 100 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 100 kA (525 V AC) 100 kA (690 V AC) 100 kA
Rated Uninterrupted Current (I_u)	5000 A
Recommended Screw Driver	Main Circuit M12
Release	Ekip Touch LI
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC
Sub-type	E6.2
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt
Tightening Torque	70 N·m
Version	F
CAD Dimensional Drawing	1SDH001252R0249

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	9AKK106713A5544
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001060R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002
Instructions and Manuals	1SDH001316R1002

© 2024 ABB. All rights reserved.

(Part 2)

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
Object Classification Code	Q
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
eClass	V11.1 : 27370409

Categories

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



© 2024 ABB. All rights reserved.