



 PRODUCT-DETAILS

E4.2V 2500 Ekip Hi-Touch LSIG 3p WMP

E4.2V 2500 Ekip Hi-Touch LSIG 3p WMP



General Information

Extended Product Type	E4.2V 2500 Ekip Hi-Touch LSIG 3p WMP
Product ID	1SDA072479R1
EAN	8015644763299
Catalog Description	E4.2V 2500 Ekip Hi-Touch LSIG 3p WMP
Long Description	MOVING PART FOR C.BREAKER SACE EMAX2 E4.2V 2500 THREE-POLE WITH SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG R 2500 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
------------------	-----

Circular Value

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

Environmental

Environmental Information 9AKK108467A6707

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

SCIP d7f09f46-a1f6-4c88-8e1e-af33ce5f283c Italy (IT)

Simplified SCIP 93562243-67f4-4efe-8772-c91c0cf51151 Germany (DE)
438bfd37-4f6b-4cad-9d17-249aba7d21c9 Germany (DE)
cbc28bc0-c86f-40e4-926a-579b88499c90 France (FR)
05be803d-6244-4c64-b604-b7ca1f39f535 Hungary (HU)
444670cf-30bd-4070-888f-6a983de88d7c Hungary (HU)
110e0502-97b9-4115-bc51-5d1085b85c79 Denmark (DK)
fb566eb4-a08c-47c1-82fe-04236891da64 Germany (DE)
1defc317-1495-4482-b4cc-1f1974678d66 Estonia (EE)
a0c58c93-ba6c-4d1c-ba76-3f4d7b43b289 Greece (GR)
49675e0b-a48a-4951-a064-3ab716f1352c Portugal (PT)
c5b77a6d-12a6-4421-8426-874d13f306b8 Poland (PL)
ae7ffd1e-4150-4574-8d1e-5fdaf1694a7d Sweden (SE)
87ab197c-88e8-4bf1-995c-841d9a5b4e3d Bulgaria (BG)
f5567168-f6ad-460a-bbb1-82993d1c55a4 Spain (ES)
409bd4c9-965b-40a5-89bf-796bba71a8bf Netherlands (NL)
da48ae4d-a558-4c51-ad15-98a19974a19f Belgium (BE)
a29fb37a-0dde-4e58-b912-7ca3021c9c2a Norway (NO)
b711b9f0-8d50-4cbd-a504-342546c642f8 Finland (FI)
42d2e3d5-bcd2-452b-bd5b-7be1ba4f0a62 France (FR)
85ad0186-d8de-4007-bdf1-9378dd82da61 Poland (PL)
0d0eb056-7d9f-42d0-a0c5-317229633cc5 Belgium (BE)
854eb3a8-9adc-4fb2-af69-2f32fe6fbfb5 Czech Republic (CZ)
fbc5fcac-95e2-418e-8d43-fee0202166bb Sweden (SE)
7ebf0fb1-2888-4b58-81d0-dd43e6a8b5d9 Croatia (HR)
ece9719e-4215-44b4-a6a2-6e0c00917b12 Poland (PL)
b31ef0cf-2ba4-4bcb-9e95-8f9f8024290d Germany (DE)
ba435c6c-329d-4560-b7f0-c7decab9ea3b Germany (DE)

Ordering

Order Code US and Canada Z4VUELAK200A000000XX

EAN 8015644763299

Minimum Order Quantity 1 piece

Customs Tariff Number 85362090

Dimensions

Product Net Width	425 mm
Product Net Height	425 mm
Product Net Depth / Length	383 mm
Product Net Weight	60 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	67 kg
Package Level 1 EAN	8015644763299

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	W
CAD Dimensional Drawing	1SDH001252R0433

Technical

Current Type	AC
Electrical Durability	U _e = < 440 V 8000 cycle U _e = 500 ... 690 V 8000 cycle 20 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3
Power Loss	743 W
Rated Current (I _n)	2500 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) 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 Service Short-Circuit Breaking	100 %

Capacity, in % of I_{cs}	
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 100 kA for 3 s 75 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(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 (I_u)	2500 A
Rated Voltage (U_r)	690 V
Release	Ekip Hi-Touch LSiG
Release Type	EL
Short-Circuit Performance Level	V
Standards	IEC
Sub-type	E4.2

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	1SDH001001R0102
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002
Instructions and Manuals (Part 2)	1SDH001316R1002

Classifications

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

