



PRODUCT-DETAILS

XT2S 160 Ekip Dip LS/I In=100A 3p F F

XT2S 160 Ekip Dip LS/I In=100A 3p F F



General Information	
Extended Product Type	XT2S 160 Ekip Dip LS/I In=100A 3p F F
Product ID	1SDA067803R1
EAN	8015644695668
Catalog Description	XT2S 160 Ekip Dip LS/I In=100A 3p F F
Long Description	C.BREAKER TMAX XT2S 160 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP DIP LS/I R 100 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.70 %
End of Life Instructions	9AKK108468A2349
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

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### Eco Transparency

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Environmental Product Declaration - EPD	9AKK108469A1855 9AKK108468A1897
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### Environmental

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Environmental Information	9AKK108467A6707
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### Material Compliance

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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

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### Ordering

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Order Code US and Canada	XT2SE3100EFF000XXX
E-Number (Finland)	3640580
E-Number (Sweden)	3182029
EAN	8015644695668
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

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### Dimensions

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Product Net Width	90 mm
Product Net Height	130 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.4 kg

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### Container Information

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Package Level 1 Units	box 1 piece
Package Level 1 Width	130 mm
Package Level 1 Height	208 mm
Package Level 1 Depth / Length	145 mm
Package Level 1 Gross Weight	1.714 kg
Package Level 1 EAN	8015644695668

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### Additional Information

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Circuit Breaker Type to be Associated	Power Distribution
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker

Version	F
CAD Dimensional Drawing	1SDH002230A1001

### Technical

Connecting Capacity Main Circuit	Busbar 32.5..100 mm <sup>2</sup>
Current Type	AC
Electrical Durability	120 cycles per hour 8000 cycle
Mechanical Durability	240 cycles per hour 25000 cycle
Number of Poles	3
Opening Time	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 4.2 W
Rated Current (I <sub>n</sub> )	100 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Insulation Voltage (U <sub>i</sub> )	1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 25 kA (690 V AC) 12 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 25 kA (690 V AC) 12 kA
Rated Uninterrupted Current (I <sub>u</sub> )	160 A
Rated Voltage (U <sub>r</sub> )	690 V
Recommended Screw Driver	Main Circuit M6
Release	Ekip Dip LS/I
Release Type	EL
Short-Circuit Performance Level	S
Standards	IEC60947-2
Sub-type	XT2
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m

### Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	SDC210100D0206 1SDC210099D0206
Declaration of Conformity	9AKK106713A5901

- CE	
GL Certificate	1SDL000163R0093
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed
VDE Certificate	No certification needed
Dimension Diagram	1SDH000721R0100
Mechanical Drawings	1SDH000721R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000721R0001

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### Classifications

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
UNSPSC	39120000
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.1 : 27370409

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### Categories

Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax XT

