



PRODUCT-DETAILS

XT2L 160 Ekip M-I In=100A 3p F F

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General Information	
Extended Product Type	XT2L 160 Ekip M-I In=100A 3p F F
Product ID	1SDA067946R1
EAN	8015644018429
Catalog Description	XT2L 160 Ekip M-I In=100A 3p F F
Long Description	C.BREAKER TMAX XT2L 160 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP-M-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 %
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)

End of Life Instructions	9AKK108468A2349
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	9AKK108469A1855
	9AKK108468A1897

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	f5fca9d7-b9ae-4b42-946c-c0637322b647 Italy (IT)
Simplified SCIP	01364434-7d69-4e60-849b-9f17bc9b8c52 Germany (DE) 943348d6-ca70-4b42-9635-1d2eb5ea321c Poland (PL) eea200c3-cc56-4cf9-aa6f-c653b4aef1f2 Poland (PL) b7f05e7e-9f1d-4a42-afe0-ab09c6447f87 France (FR) a1ad1a7e-2db8-4f08-a5a2-6cf3377c2a4b Sweden (SE) 18533927-15b7-4afe-ae0d-348b1738c942 Greece (GR) d82a1e9e-4373-4729-a080-8dd9ef33d3ff Portugal (PT) 3e2345dd-9a4e-4aa6-9d5f-78f1310b0769 Denmark (DK) cdcd892c-3844-4af1-a8d9-f7911b5fbce2 Germany (DE) c26e771f-7462-451e-8e9f-11468c601ef7 Croatia (HR) 1b217b28-a3f2-4b14-80c4-b5f2cd6f2fc6 Czech Republic (CZ) ab5798d7-ba32-4dec-b7c1-2a8c6bbb809d Poland (PL) 001bfabb-f7e7-4f3a-a262-fbd87df3c81c Norway (NO) 1b3d13d7-bebb-46e9-a114-7e140d0a46d8 Finland (FI) 170f9cf6-8d45-4806-95a5-19ab2326631e Netherlands (NL) bb3895f1-4150-4588-a240-a947ebdac829 Germany (DE) 9b3c28fb-aa6e-440f-a2d9-74ad19640ffe Netherlands (NL) 5e3d6334-2b34-4cf5-b8ae-822d20ade976 Netherlands (NL) 36c62087-baaa-46b6-94ee-ad3859527433 Estonia (EE) c53be93a-e45a-41b7-875c-9516a331aadc Germany (DE) dfd1cb44-62f0-41bf-aa1e-2c1b9289b911 Germany (DE) 8a829b1e-630a-45fa-914e-81453f5a998a France (FR) 84dcebfc-5fe1-4ab1-842c-b8188560e3fe Netherlands (NL) 6a64c25f-a56d-4add-93f0-bf90f299be89 Spain (ES) 44abfb3e-fc32-408e-9866-6f9875679775 Netherlands (NL) 650aced3-3981-483f-9198-daf34303766 Bulgaria (BG) 76259d35-06f5-47dc-8d33-99214ad468ac Sweden (SE)

Ordering

Order Code US and Canada	XT2LE3100KFF000XXX
EAN	8015644018429
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	90 mm
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Product Net Height	130 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.12 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	131 mm
Package Level 1 Height	212 mm
Package Level 1 Depth / Length	147 mm
Package Level 1 Gross Weight	1.22 kg
Package Level 1 EAN	8015644018429

Additional Information

Circuit Breaker Type to be Associated	Motor Protection
Connecting Capacity Main Circuit	Busbar 32.5..100 mm ²
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
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I _n)	100 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage (U _r)	690 V
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Insulation Voltage (U _i)	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 (240 V AC) 150 kA (380 V AC) 120 kA (415 V AC) 120 kA (440 V AC) 100 kA (500 V AC) 60 kA (525 V AC) 36 kA (690 V AC) 15 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 150 kA (230 V AC) 150 kA (240 V AC) 150 kA (380 V AC) 120 kA (415 V AC) 120 kA

	(440 V AC) 100 kA (500 V AC) 60 kA (525 V AC) 36 kA (690 V AC) 18 kA
Rated Uninterrupted Current (I _u)	160 A
Recommended Screw Driver	Main Circuit M6
Release	Ekip M-I
Release Type	EL
Short-Circuit Performance Level	L
Standards	IEC60947-2
Sub-type	XT2
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m
Version	F
CAD Dimensional Drawing	1SDH002230A1001

Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5901
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 1SDH000721R0507

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

Categories

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

