



PRODUCT-DETAILS

XT2H 160 Ekip LS/I In=160A 4pFF InN=100%

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General Information	
Extended Product Type	XT2H 160 Ekip LS/I In=160A 4pFF InN=100%
Product ID	1SDA067895R1
EAN	8015644017910
Catalog Description	XT2H 160 Ekip LS/I In=160A 4pFF InN=100%
Long Description	C.BREAKER TMAX XT2H 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP-LS/I R 160 A FULLY RATED NEUTRAL

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	b215d940-efdf-4513-991c-ca8048f09d8e Italy (IT)
Simplified SCIP	8e166098-08d7-4ab3-a975-81d5dc641a53 Germany (DE) 7272b5f1-af40-4269-af21-021d4fe79965 Norway (NO) 5e32e2ae-c2d5-4d67-93be-41bf673ef577 Finland (FI) d0c5499f-4bad-4bdf-8291-2dd2a5b3b60c Netherlands (NL) 52318bf3-d4b3-4df9-8985-0e889db614ae Germany (DE) efa8d5d9-fb8f-4ac0-938c-a9c955691390 Denmark (DK) 3018401d-8376-46ab-806e-b39cf6f00f6e Netherlands (NL) b6591429-929b-49f0-9c35-6989864325ca Estonia (EE) 33aef4df-cefb-412e-800b-05e6abf7d3ce Greece (GR) ad582f04-13e5-44d8-95de-6f0dfcbf0bd4 Portugal (PT) 3b24efe1-2c6c-4f3e-8a87-f72085a52ebd Germany (DE) 425be5d6-a87e-44de-b578-30d16b6f79be Croatia (HR) 83f49d3a-1f7d-4e0c-81af-e2d1a1474954 Czech Republic (CZ) 4c713421-4820-4a97-b668-08edc1eb0b23 Poland (PL) 0866b8ce-19eb-4156-b97d-5c3164d8c0f1 Netherlands (NL) e9ec2113-8e44-4d54-8d6d-5833645cf48f Germany (DE) 9b4b59ff-b851-4c62-a9ba-56c385cdc757 Germany (DE) 305e94bc-7db8-45ec-83c1-6a3ad8a24984 France (FR) 307baa94-91f7-4968-9545-54f8928e05e3 Netherlands (NL) e1e8d63d-c9fc-4c95-8de4-c78108cbb539 Spain (ES) 7a7f9b16-988c-4341-a9a2-30225b84b6b6 Netherlands (NL) 317f3818-a91e-493e-8b3a-fe8efad276cb Bulgaria (BG) 260f9b7e-427c-4510-967a-085bc92efd22 Sweden (SE) f8c9b0ba-af03-4210-b7a8-ef08000d125b Poland (PL) 70f5a6cf-50c6-4779-b79e-1ec72d6bd4e5 France (FR) d41aa9cc-2dcd-405a-80bf-982d30e24942 Sweden (SE) ea74a21a-2381-4d20-974a-baae713e85e9 Poland (PL)

Ordering

Order Code US and Canada	XT2HE4160EFF000XXX
EAN	8015644017910
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	120 mm
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Product Net Height	130 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.6 kg

Container Information

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	2.16 kg
Package Level 1 EAN	8015644017910

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
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	4
Opening Time	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 10.8 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I _n)	160 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) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 30 kA (690 V AC) 15 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA

	(440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 30 kA (690 V AC) 15 kA
Rated Uninterrupted Current (I _u)	160 A
Recommended Screw Driver	Main Circuit M6
Release	Ekip LS/I
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC60947-2
Sub-type	XT2
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m
Version	F
CAD Dimensional Drawing	1SDH002230A1002

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

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	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

