



PRODUCT-DETAILS

XT2N 160 Ekip C Dip LSIG In100A 3pFF

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General Information	
Extended Product Type:	XT2N 160 Ekip C Dip LSIG In100A 3pFF
Product ID:	1SDA067075R1
EAN:	8015644009793
Catalog Description:	XT2N 160 Ekip C Dip LSIG In100A 3pFF
Long Description:	C.BREAKER TMAX XT2N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP C DIP LSIG R 100 A
Display Name:	XT2N 160 Ekip C Dip LSIG In100A 3pFF

PANKAJ ELECTRICALS EcoSolutions	
PANKAJ ELECTRICALS EcoSolutions:	Yes
PANKAJ ELECTRICALS Site Meeting Group Waste To Landfill Target:	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions:	9AKK108468A2349
Environmental Product Declaration - EPD:	9AKK108469A1855 9AKK108468A1897
Extended Product Lifetime:	Product Modularity

Recyclability Rate of the Product acc. to EN45555: Design for Closing Resource Loops - Standard EN45555 - 55.70 %

Material Compliance

REACH Declaration:	9AKK108466A1425
RoHS Declaration:	9AKK108466A1424
RoHS Information:	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:	b665aa85-81e0-4402-87c1-73f697232109 China
Simplified SCIP:	745be68c-400d-4970-985f-ee4625135d1c Denmark 18e0ba64-5166-4d91-9e8c-ea6edba84411 Sweden f3cdd1bb-36e9-46bc-acc3-3a334fa4932f Germany 4e4b39da-1de5-4bca-9b0f-88d5ab712a98 Estonia 143d1407-4355-4f60-895b-b5da698af587 Netherlands 7bb5cbf3-a325-4e0b-8682-2919814d93e0 Bulgaria 96c85228-dce2-4c34-906d-4cc36bcca25a Norway 15587edc-9329-4de9-99e8-1403c57e5ba7 Sweden 2c50ad31-1a62-47f9-93dc-91369d5c9d06 Poland ffa7478b-2264-45db-a171-070e999ec8ba France 79eb8945-3c79-473d-b537-d4638c304755 Belgium de4fab46-673d-4668-83f1-ddf7e3c88a9d Poland 41adfeea-5053-4880-a9fe-9e7dd72d468d Hungary ac56ce2f-3c9e-4536-a375-7c91b13e028b Belgium 60f75cf6-68a1-481d-987b-0fbd2a6aa5c1 Germany 5998cf78-dca3-4584-b7f1-be0a6c15aa4f Croatia 71684f5c-5658-47ec-8115-165f1f4af86c Finland 00ed5723-7a99-4336-b006-4b80928761a9 Czechia 565a26f3-f3dc-4ab1-9185-b1f21318b33c Greece 3bb6beb6-c8c6-41a3-8602-e36bdf655ef1 Poland 22a89872-2a1b-45e1-a1f6-338fb99ccaa6 Germany 25e0031b-2852-471a-aa94-4805fad78642 Germany f484b7e3-595c-477c-b8cf-de2b111f8572 Portugal 5fad6ee5-1953-4a78-b167-61375e63af2e Spain 2cfee22d-921a-40f7-9884-3404eaa21491 Germany f4f08f4f-855e-42d3-819e-dc8863bec896 Hungary 5ae27c4a-7e6f-4ff7-830b-d9c51998dbf9 France

Environmental

Environmental Information:	9AKK108467A6707
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Ordering

Order Code US and Canada:	XT2NE3100GFF000XXX
EAN:	8015644009793
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090

Dimensions

Product Net Width:	90 mm
Product Net Height:	130 mm
Product Net Depth / Length:	82.5 mm
Product Net Weight:	1.2 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:	1.22 kg
Package Level 1 EAN:	8015644009793

Additional Information

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 ²
Current Type:	AC
Electrical Durability:	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle
Number of Poles:	3P
Opening Time:	CB with SOR 30 ms CB with UVR 30 ms
Order Multiple:	1 piece
Power Loss:	at Rated Operating Conditions per Pole 4.20 W
Rated Current (I _n):	100 A
Rated Frequency (f):	50/60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV
Rated Insulation Voltage (U _i):	1000 V AC
Rated Operational Voltage:	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 20 kA (690 V AC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 20 kA (690 V AC) 10 kA
Rated Uninterrupted Current (I_u):	160 A
Rated Voltage (U_r):	690 V AC
Recommended Screw Driver:	Main Circuit M6
Release:	Ekip C Dip LSIG
Release Type:	EL
Short-Circuit Performance Level:	N
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:	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 1SDH000721R0506

External Classifications and Standards

ETIM 9:	EC000228 - Power circuit-breaker for trafo/generator/installation protection
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ETIM 10: 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

Accessories

Identifier	Description	Type	Qty	Unit Of Measure
1SDA066307R1	ADP MONT. FIXED TERM. x PF XT2 3p	ADP MONT. FIXED TERM. x PF XT2 3p	1	piece
1SDA066869R1	KIT EF XT2 3pcs	KIT EF XT2 3pcs	1	piece
1SDA066871R1	KIT EF XT2 6pcs	KIT EF XT2 6pcs	1	piece
1SDA066262R1	KIT EF FP XT2 3pcs	KIT EF FP XT2 3pcs	1	piece
1SDA066893R1	KIT ES XT2 3pcs	KIT ES XT2 3pcs	1	piece
1SDA066895R1	KIT ES XT2 6pcs	KIT ES XT2 6pcs	1	piece
1SDA066961R1	KIT FB XT2 3pcs	KIT FB XT2 3pcs	1	piece
1SDA066963R1	KIT FB XT2 6pcs	KIT FB XT2 6pcs	1	piece
1SDA066909R1	KIT FC Cu XT2 3pcs	KIT FC Cu XT2 3pcs	1	piece
1SDA066911R1	KIT FC Cu XT2 6pcs	KIT FC Cu XT2 6pcs	1	piece
1SDA067163R1	KIT FC CuAl 1x1...95mm ² XT2 3pcs	KIT FC CuAl 1x1...95mm ² XT2 3pcs	1	piece
1SDA067165R1	KIT FC CuAl 1x1...95mm ² XT2 6pcs	KIT FC CuAl 1x1...95mm ² XT2 6pcs	1	piece
1SDA067167R1	KIT FC CuAl 1x70...185mm ² XT2 3pcs	KIT FC CuAl 1x70...185mm ² XT2 3pcs	1	piece
1SDA067169R1	KIT FC CuAl 1x70...185mm ² XT2 6pcs	KIT FC CuAl 1x70...185mm ² XT2 6pcs	1	piece
1SDA067171R1	KIT FC CuAl 1x120...240mm ² XT2 3pcs +ADP	KIT FC CuAl 1x120...240mm ² XT2 3pcs +ADP	1	piece
1SDA067173R1	KIT FC CuAl 1x120...240mm ² XT2 6pcs +ADP	KIT FC CuAl 1x120...240mm ² XT2 6pcs +ADP	1	piece
1SDA067175R1	KIT FC CuAl 2x35...70mm ² XT2 3pcs	KIT FC CuAl 2x35...70mm ² XT2 3pcs	1	piece
1SDA067177R1	KIT FC CuAl 2x35...70mm ² XT2 6pcs	KIT FC CuAl 2x35...70mm ² XT2 6pcs	1	piece
1SDA117911R1	KIT FC CuAl 2x50...95mm ² XT2 3pcs	KIT FC CuAl 2x50...95mm ² XT2 3pcs	1	piece
1SDA066925R1	KIT MC CuAl 6x2.5...35mm ² XT2 3pcs	KIT MC CuAl 6x2.5...35mm ² XT2 3pcs	1	piece
1SDA066927R1	KIT MC CuAl 6x2.5...35mm ² XT2 6pcs	KIT MC CuAl 6x2.5...35mm ² XT2 6pcs	1	piece
1SDA066941R1	KIT R XT2 3pcs	KIT R XT2 3pcs	1	piece
1SDA066943R1	KIT R XT2 6pcs	KIT R XT2 6pcs	1	piece
1SDA066666R1	HTC XT2 3p TERMINAL COVERS HIGH 2pcs	HTC XT2 3p TERMINAL COVERS HIGH 2pcs	1	piece
1SDA066657R1	LTC XT2 3p TERMINAL COVERS LOW 2pcs	LTC XT2 3p TERMINAL COVERS LOW 2pcs	1	piece
1SDA080704R1	KIT DIN50022 XT2 3p PLATE DIN	KIT DIN50022 XT2 3p PLATE DIN	1	piece
1SDA118432R1	TR COVER SEALABL TU TOUCH-HITOUCH XT2 3P	TR COVER SEALABL TU TOUCH-HITOUCH XT2 3P	1	piece
1SDA066270R1	KIT R FP XT2 3pcs	KIT R FP XT2 3pcs	1	piece

Categories

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

