



PRODUCT-DETAILS

XT2N 160 TMD 16-300 3p F F

XT2N 160 TMD 16-300 3p F F



General Information	
Extended Product Type:	XT2N 160 TMD 16-300 3p F F
Product ID:	1SDA067010R1
EAN:	8015644694913
Catalog Description:	XT2N 160 TMD 16-300 3p F F
Long Description:	C.BREAKER TMAX XT2N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 16-300 A
Display Name:	XT2N 160 TMD 16-300 3p F F

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:	9AKK108468A2348
Environmental Product Declaration - EPD:	9AKK108469A1856 9AKK108468A1891
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:	8c4cc14d-54cd-45f1-9638-aba03f1e779d Italy
Simplified SCIP:	050a1b85-2344-44cf-a905-1c70803e4006 Germany bc89d87d-357d-4df8-b0a8-a234f7f69bbf Poland 5cfd1e34-9b9d-480b-950f-a3154e46c7f1 Sweden 581fea07-3388-4b7d-b03b-bbc603ba255b Germany d631f414-4a85-4798-8005-284a8b10057f Germany 82b47332-3e68-447a-86a2-67171e01b2f2 France b31a06af-81e5-4627-8294-97b2b027c579 Netherlands 7979111d-b682-4eb5-819a-a48cfa1592fd Spain a78d62f2-a527-4fe3-bc38-e4c156052ca4 Netherlands 3e263f77-af68-409d-bc55-8678139406e9 Netherlands 753f0099-aa91-4d29-8584-0bc0d6310e39 Estonia b276279f-344c-485e-96d3-97c396592b15 Greece 87314313-d08b-43a5-8cc5-5f0365ebf21e Portugal d78079b6-ab93-44c2-8562-0c1121509923 Bulgaria d47dca8b-d83e-43ab-af11-49daf039ca0d Sweden 652977f0-7384-4cb6-9afb-585cab5ae515 Netherlands 05856a9b-ff39-43d1-b03b-1464b5a5bcaf France 249acf3b-a744-42b6-b869-12afd97168a6 Poland bbc2dfd0-4c4b-4182-b08a-ea194943498b Norway 85b4785f-96ff-4fb7-8388-0f247824972b Finland f3a0bda1-d1e3-4944-8e95-48e158951085 Netherlands 7912c1c1-7813-4756-a607-58634c215913 Germany 6bcd8e5a-4d4b-4d47-a20f-e4c6a1417cd6 Denmark 5a40e967-e462-4c77-8149-4ef2cee25ba0 Germany a44d92b0-74f0-4a4d-a6e6-e59102b87e66 Croatia 232c7fc2-9c74-4ca4-a61a-17b353092ec1 Czechia c0c6e4ed-ab11-43b6-a909-facab4fd9b9e Poland

Environmental

Environmental Information:	9AKK108467A6707
-----------------------------------	-----------------

Ordering

Order Code US and Canada:	XT2NE3016AFF000XXX
E-Number (Finland):	3638181
E-Number (Norway):	4309636
EAN:	8015644694913
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:	1.4 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:	1.656 kg
Package Level 1 EAN:	8015644694913

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/DC
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 1.33 W
Rated Current (I _n):	16 A
Rated Frequency (f):	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV

Rated Instantaneous Short-Circuit Current Setting (I_i):	300 A
Rated Insulation Voltage (U_i):	1000 V
Rated Operational Voltage:	690 V AC 500 V DC
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 (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 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 (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I_u):	160 A
Rated Voltage (U_r):	690 V
Recommended Screw Driver:	Main Circuit M6
Release:	TMD
Release Type:	TM
Setting Range:	11.2...16 A
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

External Classifications and Standards

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

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...95mm2 XT2 3pcs	KIT FC CuAl 1x1...95mm2 XT2 3pcs	1	piece
1SDA067165R1	KIT FC CuAl 1x1...95mm2 XT2 6pcs	KIT FC CuAl 1x1...95mm2 XT2 6pcs	1	piece
1SDA067167R1	KIT FC CuAl 1x70...185mm2 XT2 3pcs	KIT FC CuAl 1x70...185mm2 XT2 3pcs	1	piece
1SDA067169R1	KIT FC CuAl 1x70...185mm2 XT2 6pcs	KIT FC CuAl 1x70...185mm2 XT2 6pcs	1	piece
1SDA067171R1	KIT FC CuAl 1x120...240mm2 XT2 3pcs +ADP	KIT FC CuAl 1x120...240mm2 XT2 3pcs +ADP	1	piece
1SDA067173R1	KIT FC CuAl 1x120...240mm2 XT2 6pcs +ADP	KIT FC CuAl 1x120...240mm2 XT2 6pcs +ADP	1	piece
1SDA067175R1	KIT FC CuAl 2x35...70mm2 XT2 3pcs	KIT FC CuAl 2x35...70mm2 XT2 3pcs	1	piece
1SDA067177R1	KIT FC CuAl 2x35...70mm2 XT2 6pcs	KIT FC CuAl 2x35...70mm2 XT2 6pcs	1	piece
1SDA117911R1	KIT FC CuAl 2x50...95mm2 XT2 3pcs	KIT FC CuAl 2x50...95mm2 XT2 3pcs	1	piece
1SDA066925R1	KIT MC CuAl 6x2.5...35mm2 XT2 3pcs	KIT MC CuAl 6x2.5...35mm2 XT2 3pcs	1	piece
1SDA066927R1	KIT MC CuAl 6x2.5...35mm2 XT2 6pcs	KIT MC CuAl 6x2.5...35mm2 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

Identifier	Description	Type	Qty	Unit Of Measure
1SDA118432R1	TR COVER SEALABL TU TOUCH-HITOUCH XT2 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

