



PRODUCT-DETAILS

XT1B 160 TMD 80-800 4p F F

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Informações gerais

Tipo de produto alargado	XT1B 160 TMD 80-800 4p F F
ID do produto	1SDA066817R1
EAN	8015644694531
Descrição do catálogo	XT1B 160 TMD 80-800 4p F F
Descrição longa	C.BREAKER TMAX XT1B 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 80-800 A

ABB EcoSolutions

ABB EcoSolutions	Yes
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Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)

End of Life Instructions	9AKK108468A2347
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	9AKK108468A1890 9AKK108468A7793
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Environmental

Informação ambiental	9AKK108467A6707
REACH Declaration	9AKK108466A1425
Informação RoHS	9AKK108466A1424
Estado RoHS	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	a943ed44-4235-453a-beee-ce834cf372fe Italy (IT)
SCIP simplificado	0147d83e-c5d7-413e-8f24-65b8e1b6fb4d Germany (DE) b431f35b-1f96-490a-a7c2-8a6cc22f7500 Poland (PL) 215798aa-2b02-41bd-9634-302747961651 Norway (NO) 4eac72ff-892f-4ff2-82d0-c21e9c520485 Finland (FI) efe375a4-bcdf-46ce-a558-ba03c12e488c Netherlands (NL) bc484707-a31e-45e2-8375-a4605a0c4163 Germany (DE) b1b3e14c-e8f6-4289-b7fc-d5aab4ce816f Denmark (DK) 60a91a61-9ead-49e6-8169-7cda04c66dcd Germany (DE) 0326c47c-dd79-450d-b2bd-3d90fcbbbc4c Croatia (HR) 162f37d5-e57a-4b76-8f36-7384684e8f01 Czech Republic (CZ) 2e827726-64d3-4efc-87ec-22462d26739a Poland (PL) 3d3a7694-b98a-41bc-9530-b47abf21d453 Netherlands (NL) 4b35c0e4-2d12-48d0-8c90-0b8f127892f0 Netherlands (NL) 184dcce7-b47b-4d71-8c62-71cc3f45eb4e Estonia (EE) ab562bd1-1c53-40ee-9227-2941b5adde00 Greece (GR) 0bb6b765-9c71-49a8-ad40-36690b1c84e0 Portugal (PT) 748e83e4-abf3-4533-b1ab-dfec7b8ee96b Bulgaria (BG) 21d8766a-ee24-4074-8732-011203fd325e Sweden (SE) 0f24ea69-2cc1-49f6-83a2-c35c70d09681 Poland (PL) 0714bd13-a38c-445f-b771-3b1a6bc968c7 France (FR) 0982874d-1466-4556-b90a-9b28af9b7c80 Sweden (SE) 18632971-3a27-4fe2-957a-d38b0dbc8455 Germany (DE) 066fc8b9-f695-4901-a8cc-fcd4d6e6e0e Germany (DE) 660b252b-f02a-40ad-836d-d91f2d82d400 France (FR) 91cce256-25f2-4ed6-9157-f274842bbd7c Netherlands (NL) 083afd60-1e8b-4a2f-bf73-8058f41740fe Spain (ES) e9ef4ee6-d181-4131-a42a-ff4646e1ee6d Netherlands (NL)

Ordering

Order Code US and Canada	XT1BE4080AFF000XXX
E-Number (Finland)	3638190
EAN	8015644694531
Quantidade Mínima de Encomenda	1 piece
Número de tarifa aduaneira	85362090

Dimensions

Largura Líquida do Produto	101.6 mm
Altura Líquida do Produto	130 mm
Profundidade/Comprimento Líquidos do Produto	70 mm
Peso Líquido do Produto	1.4 kg

Container Information

Unidades de embalagem Nível 1	box 1 piece
Largura da embalagem Nível 1	128 mm
Altura da embalagem Nível 1	135 mm
Profundidade/Comprimento da embalagem Nível 1	143 mm
Peso bruto da embalagem Nível 1	1.448 kg
Nível de Embalagem 1 EAN	8015644694531

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 45.5 ... 80 mm ²
Current Type	AC/DC
Electrical Durability	120 cycles per hour 8000 cycle
Mechanical Durability	240 cycles per hour 25000 cycle
Número de polos	4
Opening Time	CB with SOR 15 ms CB with UVR 15 ms
Encomenda Múltipla	1 piece
Power Loss	at Rated Operating Conditions per Pole 4.8 W
Tipo de produto principal	SACE Tmax XT
Nome de Produto	Moulded Case Circuit Breaker
Tipo de produto	Automatic Circuit Breaker
Corrente nominal (I_n)	80 A
Frequência nominal (f)	50 / 60 Hz
Tensão nominal (U_r)	690 V
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_i)	800 A
Rated Insulation Voltage (U_i)	800 V
Tensão operacional nominal	690 V AC 500 V DC
Rated Service Short-	(220 V AC) 25 kA

Circuit Breaking Capacity (I_{cs})	(230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
Rated Uninterrupted Current (I_u)	160 A
Recommended Screw Driver	Main Circuit M6
Release	TMD
Tipo de lançamento	TM
Setting Range	56...80 A
Short-Circuit Performance Level	B
Normas	IEC60947-2
Sub-type	XT1
Terminal Connection Type	Front
Tipo de terminal	Bolt
Binário de aperto	6 N·m
Version	F
CAD Dimensional Drawing	1SDH001295R0080

Certificates and Declarations

Certificado ATEX	No certification needed
Ficha de dados, informação técnica	1SDC210100D0206 1SDC210099D0206
Declaração de conformidade -CE	9AKK106713A5532
Certificado GL	1SDL000163R0103
Certificado LR	1SDL000163R0100
Certificado UL	No certification needed
VDE Certificate	No certification needed
Diagrama de medidas	1SDH000719R0100
Mechanical Drawings	1SDH000719R0100
Wiring Diagram	1SDM000068R0001
Instruções e Manuais	1SDH000719R0001

Classifications

ETIM 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
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ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
Código de classificação do objeto	Q
UNSPSC	39120000
Categoria REEE	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.1 : 27370409

Categorias

Produtos e Sistemas de Baixa Tensão → Disjuntores → Disjuntores caixa moldada → Tmax XT

