



PRODUCT-DETAILS

XT1H160 TMD100/1000 FFC 3P

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General Information

Extended Product Type	XT1H160 TMD100/1000 FFC 3P
Product ID	2TFH100164R1001
Catalog Description	XT1H160 TMD100/1000 FFC 3P
Long Description	XT1H160 TMD100/1000 FFC 3P

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Customs Tariff Number 85362000

Additional Information

Product Main Type SACE Tmax XT
 Product Name Moulded Case Circuit Breaker
 Product Type Automatic Circuit Breaker
 Version F

Technical

Current Type AC/DC
 Electrical Durability 8000 cycle
 120 cycles per hour
 Mechanical Durability 25000 cycle
 240 cycles per hour
 Number of Poles 3
 Power Loss at Rated Operating Conditions per Pole 7.0 W
 Rated Current (I_n) 100 A
 Rated Impulse Withstand Voltage (U_{imp}) 8 kV
 Rated Insulation Voltage (U_i) 800 V
 Rated Operational Voltage 690 V AC
 500 V DC
 Rated Service Short-Circuit Breaking Capacity (I_{cs}) (220 V AC) 75 kA
 (230 V AC) 75 kA
 (240 V AC) 75 kA
 (380 V AC) 52.5 kA
 (415 V AC) 37.5 kA
 (440 V AC) 32.5 kA
 (500 V AC) 25 kA
 (525 V AC) 17.5 kA
 (690 V AC) 5 kA
 (250 V DC) 2 Poles in Series 52.5 kA
 (500 V DC) 3 Poles in Series 52.5 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) 35 kA
 (690 V AC) 10 kA
 (250 V DC) 2 Poles in Series 70 kA
 (500 V DC) 3 Poles in Series 70 kA
 Rated Uninterrupted Current (I_u) 160 A
 Release TMD
 Release Type TM
 Remarks ATLAS
 Short-Circuit Performance Level H
 Standards IEC60947-2

GB/T 14028.2

Sub-type	XT1
Terminal Connection Type	Front for Copper Cables

Certificates and Declarations

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5532
Instructions and Manuals	1SDH000719R0001

Classifications

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Categories

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

