



PRODUCT-DETAILS

A1A 100 TMF 20-400 3p F F UL  
A1A 100 TMF 20-400 3p F F UL



| General Information   |                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | A1A 100 TMF 20-400 3p F F UL                                                                                      |
| Product ID            | 1SDA069743R1                                                                                                      |
| EAN                   | 8015644704421                                                                                                     |
| Catalog Description   | A1A 100 TMF 20-400 3p F F UL                                                                                      |
| Long Description      | C.BREAKER FORMULA A1A 100 UL/CS A FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 20-400 A |

| Environmental             |                                    |
|---------------------------|------------------------------------|
| Environmental Information | 1SDL000183R0001<br>9AKK108467A6707 |

| 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 |
| Toxic Substances Control Act - TSCA         | 9AKK108467A8326 |

Ordering

|                          |               |
|--------------------------|---------------|
| Order Code US and Canada | A1A020TW      |
| EAN                      | 8015644704421 |
| Minimum Order Quantity   | 1 piece       |
| Customs Tariff Number    | 85362090      |

Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 76.2 mm |
| Product Net Height         | 130 mm  |
| Product Net Depth / Length | 60 mm   |
| Product Net Weight         | 0.75 kg |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 111 mm        |
| Package Level 1 Height         | 123 mm        |
| Package Level 1 Depth / Length | 137 mm        |
| Package Level 1 Gross Weight   | 0.8 kg        |
| Package Level 1 EAN            | 8015644704421 |

Additional Information

|                   |                              |
|-------------------|------------------------------|
| Product Main Type | SACE FORMULA                 |
| Product Name      | Moulded Case Circuit Breaker |
| Product Type      | Automatic Circuit Breaker    |
| Version           | F                            |

Technical

|                                                     |                      |
|-----------------------------------------------------|----------------------|
| Number of Poles                                     | 3                    |
| Rated Current (I <sub>n</sub> )                     | Main Circuit 20 A    |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 6 kV                 |
| Rated Insulation Voltage (U <sub>i</sub> )          | 690 V                |
| Rated Operational Voltage                           | 240 V AC<br>250 V DC |
| Rated Uninterrupted Current (I <sub>u</sub> )       | 100 A                |
| Release                                             | TMF                  |

|                                 |       |
|---------------------------------|-------|
| Release Type                    | TM    |
| Short-Circuit Performance Level | A     |
| Standards                       | UL    |
| Sub-type                        | A1    |
| Terminal Connection Type        | Front |

Technical UL/CSA

|                                   |                                                    |
|-----------------------------------|----------------------------------------------------|
| Interrupting Rating acc. to UL489 | (240 V) 10 kA<br>(250 V DC) 2 Poles in Series 5 kA |
|-----------------------------------|----------------------------------------------------|

Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SXU210022D0201 |
| Declaration of Conformity - CE    | 9AKK106713A5519 |
| Instructions and Manuals          | 1SDH000717R0003 |

Classifications

|                                    |                                                                              |
|------------------------------------|------------------------------------------------------------------------------|
| ETIM 8                             | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 9                             | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| IDEA Granular Category Code (IGCC) | 4927 >> Molded case circuit breakers                                         |
| UNSPSC                             | 39121616                                                                     |
| 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 → Formula DSA

