



### Main

|                           |                           |
|---------------------------|---------------------------|
| Range                     | Domae                     |
| Product or component type | Miniature circuit-breaker |
| Device short name         | Domae MCB                 |
| Device application        | Distribution              |
| Poles description         | 3P                        |
| Number of protected poles | 3                         |
| [In] rated current        | 20 A                      |
| Network type              | AC                        |
| Trip unit technology      | Thermal-magnetic          |
| Curve code                | C                         |
| Breaking capacity         | Icn 6000 A                |

### Complementary

|  |   |
|--|---|
| Network frequency                                | 50/60 Hz  |
| [Ue] rated operational voltage                   | 400 V AC 50/60 Hz   |
| Magnetic tripping limit                          | 5...10 x In   |
| [Ics] rated service breaking capacity            | 6000 KA 100 % x Icn conforming to EN/IEC 60898-1  |
| [Ui] rated insulation voltage                    | 500 V   |
| [Uimp] rated impulse withstand voltage           | 4 KV  |
| Contact position indicator                       | Yes   |
| Control type                                     | Toggle  |
| Local signalling                                 | Fault trip  |
| Mounting mode                                    | Clip-on   |
| Mounting support                                 | DIN rail  |
| Comb busbar and distribution block compatibility | YES   |
| 9 mm pitches                                     | 6   |
| Height   | 81 Mm   |
| Width  | 54 Mm   |
| Depth  | 78.5 Mm   |
| Net weight                                       | 0.285 Kg  |
| Colour   | White   |
| Mechanical durability                            | 20000 Cycles  |
| Connections - terminals                          | Tunnel type terminals (top or bottom) - 1...25 mm <sup>2</sup> - rigid<br>Tunnel type terminals (top or bottom) - 1...16 mm <sup>2</sup> - flexible |
| Wire stripping length                            | 14 Mm for top or bottom connection  |

|                          |                     |
|--------------------------|---------------------|
| Tightening torque        | 2 N.M top or bottom |
| Earth-leakage protection | Without             |

## Environment

|                                       |  |
|---------------------------------------|--|
| IP degree of protection               | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| Overvoltage category                  | III  |
| Tropicalisation                       | 2 conforming to IEC 60068-1  |
| Relative humidity                     | 95 % at 55 °C  |
| Ambient air temperature for operation | -25...60 °C  |
| Ambient air temperature for storage   | -40...70 °C  |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Weight             | 293 G     |
| Package 1 Height             | 5.5 Cm    |
| Package 1 width              | 7.5 Cm    |
| Package 1 Length             | 8.5 Cm    |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 4         |
| Package 2 Weight             | 1.231 Kg  |
| Package 2 Height             | 9 Cm      |
| Package 2 width              | 9 Cm      |
| Package 2 Length             | 22 Cm     |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 48        |
| Package 3 Weight             | 15.026 Kg |
| Package 3 Height             | 30 Cm     |
| Package 3 width              | 30 Cm     |
| Package 3 Length             | 40 Cm     |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant <a href="#">EU RoHS Declaration</a>   |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Product Life Status : **Commercialised**