



## PRODUCT-DETAILS

# G100 1P 16A B /012 GE EXP

## G100 1P 16A B /012 GE EXP Miniature Circuit Breaker

### General Information

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| Extended Product Type | G100 1P 16A B /012 GE EXP                           |
| Product ID            | 4TQG674954R0000                                     |
| EAN                   | 5413656749547                                       |
| Catalog Description   | G100 1P 16A B /012 GE EXP Miniature Circuit Breaker |
| Long Description      | G100 1P 16A B /012 GE EXP                           |

### Technical

|                                                            |                                                                        |
|------------------------------------------------------------|------------------------------------------------------------------------|
| Product Name                                               | Miniature Circuit Breaker                                              |
| Tripping Characteristic                                    | B                                                                      |
| Rated Operational Voltage                                  | acc. to IEC 60947-2 415 V                                              |
| Rated Insulation Voltage (U <sub>i</sub> )                 | acc. to IEC/EN 60664-1 500 V                                           |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )        | 6 kV                                                                   |
| Input Voltage Type                                         | AC                                                                     |
| Rated Current (I <sub>n</sub> )                            | 16 A                                                                   |
| Rated Short-Circuit Capacity (I <sub>cn</sub> )            | (400 V) 10 kA<br>(230 V) 10 kA                                         |
| Rated Conditional Short-Circuit Current (I <sub>nc</sub> ) | (230 V) 15 kA<br>(400 V) 4 kA                                          |
| Rated Frequency (f)                                        | 50 ... 60 Hz                                                           |
| Energy Limiting Class                                      | 3                                                                      |
| Number of Poles                                            | 1                                                                      |
| Number of Protected Poles                                  | 1                                                                      |
| Overvoltage Category                                       | III                                                                    |
| Accessories Available                                      | Yes                                                                    |
| Number of Batteries                                        | 0                                                                      |
| Connecting Capacity                                        | Rigid 1 ... 35 mm <sup>2</sup><br>Flexible 0.75 ... 25 mm <sup>2</sup> |

### Environmental

|                         |                         |
|-------------------------|-------------------------|
| Ambient Air Temperature | Operation -25 ... 70 °C |
| Degree of Protection    | IP20                    |
| Pollution Degree        | 2                       |

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**Dimensions**

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|                                     |         |
|-------------------------------------|---------|
| Width in Number of Modular Spacings | 1       |
| Product Net Width                   | 79 mm   |
| Product Net Height                  | 21 mm   |
| Product Net Depth / Length          | 91 mm   |
| Product Net Weight                  | 0.12 kg |
| Built-In Depth (t <sub>2</sub> )    | 44 mm   |

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**Ordering**

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|                         |             |
|-------------------------|-------------|
| Minimum Order Quantity  | 1 piece     |
| Customs Tariff Number   | 8536200000  |
| Country of Origin       | Poland (PL) |
| Selling Unit of Measure | piece       |

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**Classifications**

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|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| ETIM 6                     | EC000042 - Miniature circuit breaker (MCB)                 |
| ETIM 7                     | EC000042 - Miniature circuit breaker (MCB)                 |
| ETIM 8                     | EC000042 - Miniature circuit breaker (MCB)                 |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B             | Business To Business                                       |
| CN8                        | 8536200000                                                 |
| Object Classification Code | Q                                                          |

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**Categories**

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Low Voltage Products and Systems → Modular DIN Rail Products → GE Legacy → MCB GE