



Representative Image

**Ref. No. 686959 | Catalog No. EP102ULD0.5**
**Description: MCB Miniature circuit breaker ElfaPlus EP100 UL 2P 0.5A D GE**
**EAN 5413656869597**
**Home > Modular DIN-rail devices > Circuit Protection > MCB DIN-rail**

- **Safe and reliable**
- Clear print
- High degree of insulation IP20
- Padlocking toggle
- Sealed terminals
  - **User friendly**
  - **Multifunctional**
- Motor operator : same device left and right assembly
- Common device for all products
  - Shunt trip and under voltage relay
- Auxiliaries
  - **Easy to install**
- >Different connection techniques
- High torque performance 4.5 Nm
- High capacity terminals 35mm<sup>2</sup>

**Descriptors**

|          |                    |
|----------|--------------------|
| Category | MCB DIN-rail       |
| Family   | Circuit protection |

**Specifications**

|   |  |
|---|--|
| In (A)  | 0.50   |
| Number of Poles                                 | 2P   |
| Number of modules                               | 2  |
| Switching off curve                             | D (10-20 In)   |
| Group   | ElfaPlus   |
| Range   | Commercial - Industrial  |
| Switch  | EP100 UL : 10kA - Recognized UL1077  |
| Connections- Top                                | Screw  |
| Connections- Bottom                             | Screw  |
| Standards                                       | 10kA domestic BS EN 60898<br>10kA UL1077<br>15-40kA industrial BS EN 60947-2 |
| AC/DC   | AC   |
| Logo  | GE   |
| Rated Voltage (V)                               | 277 V / 480 V  |
| Short-circuit capacity (kA)                     | 10   |
| Selectivity class                               | 3  |
| Terminal capacity max (mm <sup>2</sup> )        | 25-35 mm <sup>2</sup>  |
| Electrical service life                         | 20000/10000  |
| Minimum operating voltage U <sub>bmin</sub> (V) | 12 V   |
| Terminal capacity min (mm <sup>2</sup> )        | 0.75 / 1 mm <sup>2</sup>   |
| Tropicalisation                                 | 95%RH at 55°C  |


  
**by ABB**

## Classifications

|           |   |
|-----------|---|
| Approvals | CCC<br>CE<br>CSA<br>EAC<br>UR<br>VDE<br>VDE |
| ETIM 5.0  | EC000042 - Miniature circuit breaker (MCB)  |
| ETIM 6.0  | EC000042 - Miniature circuit breaker (MCB)  |

## Dimensions

|        |          |
|--------|----------|
| Weight | 0.250 kg |
|--------|----------|

## Package Information

|                  |   |
|------------------|---|
| Standard packing | 6 |
|------------------|---|

## Operating Performance

|                       |              |
|-----------------------|--------------|
| Operating temperature | -25°C / 55°C |
|-----------------------|--------------|