



Representative Image

## Ref. No. 682241 | Cat. No. EP103ULH2C50

Description: MCB Miniature circuit breaker ElfaPlus EP100 ULH 3P 50A C GE

EAN 5413656822417

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- **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)                                          | 50                                                                      |
| Number of poles                                 | 3P                                                                      |
| Number of modules                               | 3                                                                       |
| Curve Type                                      | C (5-10 In)                                                             |
| Group                                           | ElfaPlus                                                                |
| Range                                           | Commercial - Industrial                                                 |
| Switch                                          | EP100 ULH : 10kA - UL Listed 489                                        |
| Connections- Top                                | Screw                                                                   |
| Connections- Bottom                             | Screw                                                                   |
| Standards                                       | 10kA domestic BS EN 60898, 10kA UL498, 15-40kA industrial BS EN 60947-2 |
| AC/DC                                           | AC                                                                      |
| Logo                                            | GE                                                                      |
| Rated voltage                                   | 120 V / 240 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                                                           |

### Classifications

|           |                         |
|-----------|-------------------------|
| Approvals | CCC, CE, CEBEC, EAC, UL |
|-----------|-------------------------|

### Classifications

|          |          |
|----------|----------|
| ETIM 5.0 | EC000042 |
| ETIM 6.0 | EC000042 |

### Dimensions

|        |          |
|--------|----------|
| Weight | 0.390 kg |
|--------|----------|

### Package information

|                  |   |
|------------------|---|
| Standard packing | 4 |
|------------------|---|

### Operating Performance

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

## Publications

| Title                                                                                                                                               | Publication No. | Publication Type    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------|
| <a href="#">MCB Miniature circuit breaker - RedLine 3P 3modules - Series EP100 ULH (pdf)</a>                                                        | 3D-01233-PDF    | Drawings - CAD - 3D |
| 3D PDF Viewer: Modular DIN-rail device - Circuit protection - MCB Miniature circuit breaker - RedLine 3P 3modules - Series EP100 ULH (3DPDF format) |                 |                     |
| <a href="#">MCB Miniature circuit breaker - RedLine 3P 3modules - Series EP100 ULH (stp)</a>                                                        | 3D-01232        | Drawings - CAD - 3D |
| 3D Drawing: Modular DIN-rail device - Circuit protection - MCB Miniature circuit breaker - RedLine 3P 3modules - Series EP100 ULH (STEP format)     |                 |                     |

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