

## ELPH2/100/5/2.5/0.5 - CT Product Details

### Master Related Data

|                             |                           |
|-----------------------------|---------------------------|
| Company                     | Elmex Group               |
| Product Category            | Current Transformer       |
| Product Group               | Polycarbonate Rectangular |
| Application Group           | Metering                  |
| Secondary Connection Method | M5 Bush Connection        |
| Manufacture Country         | India                     |

### General Data

|                   |   |
|-------------------|---|
| Product Name      | ELPH2/100/5/2.5/0.5   |
| Short Description | elmex POLYCARBONATE ENCAPSULATED RECTANGULAR TYPE-H2  |
| Full Description  | elmex POLYCARBONATE ENCAPSULATED RECTANGULAR TYPE-H2, RATIO:100/5, VA:2.5, CLASS:0.5, CURRENT TRANSFORMER; COLOUR: GREY |
| Measurement       | Single Phase  |

### Dimensions

|                |       |
|----------------|-------|
| Width          | 62 mm |
| Height         | 80 mm |
| Depth          | 31 mm |
| Inner Diameter | 21 mm |

### Technical Data - General

|  |                              |
|--|------------------------------|
| Rated Frequency                          | 50/60 Hz                     |
| Maximum Operating Voltage                | 720 V                        |
| Insulating Class                         | E                            |
| Rated Insulation Test Voltage            | 3/4 kV AC for 1 Minute       |
| Instrument Security Factor FS            | FS 5 or 10                   |
| Rated Thermal Short Time Current For BPL | $I_{th} = 60 \cdot I_{pr}$   |
| Rated Thermal Continuous Current         | $I_{cth} = 1.2 \cdot I_{pr}$ |
| Rated Thermal Surge Current              | $I_{dyn} = 2.5 \cdot I_{th}$ |
| Permissible Humidity Operation           | <95% RH                      |
| Ambient Temperature Operation            | -20°C ... +50°C              |
| Ambient Temperature Storage              | -40°C ... +90°C              |
| Max Altitude                             | =1000                        |
| ROHS                                     | Yes                          |

|                          |                                   |
|--------------------------|-----------------------------------|
| Din Rail Mounting Option | Available on request              |
| CE                       | Yes                               |
| Mounting Plate           | Bus Bar Mounting / Panel Mounting |
| Terminal Cover           | With Sealing                      |

