

## EOPA100/5/5/0.5 - 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      | EOPA100/5/5/0.5   |
| Short Description | elmex POLYCARBONATE ENCAPSULATED RING TYPE-A  |
| Full Description  | elmex POLYCARBONATE ENCAPSULATED RING TYPE-A, RATIO:100/5, VA:5, CLASS:0.5, CURRENT TRANSFORMER |
| Measurement       | Single Phase  |

### Dimensions

|                |       |
|----------------|-------|
| Depth          | 42 mm |
| Inner Diameter | 30 mm |
| Outer Diameter | 80 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 m                           |
| ROHS                                     | Yes                               |
| Din Rail Mounting Option                 | Available on request              |
| CE                                       | Yes                               |
| Mounting Plate                           | Bus Bar Mounting / Panel Mounting |

|                |              |
|----------------|--------------|
| Terminal Cover | With Sealing |
|----------------|--------------|

