



# Technical datasheet E 42SB630



|                   |  |
|-------------------|--|
| Brand             | EREA                                   |
| Article Number    | E 42SB630                              |
| EAN-code Barcode  | 5414503120847                          |
| Code              | 12084                                  |
| Product type      | Single-phase safety transformer        |
| Primary Voltage   | 230-400V AC                            |
| Secondary Voltage | 42 VAC                                 |
| Power             | 630 VA                                 |
| Standards         | EN 61558-2-2   EN 61558-2-6   EN 60742 |

## General properties

|                      |                                  |                                |  |
|----------------------|----------------------------------|--------------------------------|--|
| Applications         | For all SELV applications        | Maximum ambient temperature ta | 50 °C                                    |
| Protection class     | Prepared for protection class II | Temperature class transfo      | B  |
| Degree of protection | IP20                             | Finishing                      | Vacuum-encapsulated with synthetic resin |

## Electrical properties

|                                       |          |                               |        |
|---------------------------------------|----------|-------------------------------|--------|
| Frequency                             | 50-60 Hz | Efficiency                    | 93 %   |
| Po                                    | 20,8 W   | Pcu                           | 25,2 W |
| Dielectric Strength                   | 4500 Vac | Insulation resistance         | 200 MΩ |
| Dielectric strength referred to frame | -        | Specific property             |        |
| Voltage drop (dU%)                    | 3,9 %    | Short-circuit voltage (Ucc %) | 3,4 %  |

## Mechanical properties

|                      |                                   |
|----------------------|-----------------------------------|
| Primary connection   | Screw terminals 4 mm <sup>2</sup> |
| Secondary connection | Screw terminals 6 mm <sup>2</sup> |
| Fixation             | Angle sections with fixing holes  |

## Protection case

|              |   |
|--------------|---|
| Housing IP20 | - |
| Housing IP23 | - |
| Housing IP44 | - |

## Dimensions/weight

|                  |                |
|------------------|----------------|
| Dimensions AxBxC | 160x116x157 mm |
| Dimension D      | 130 mm         |
| Dimension E      | 95 mm          |
| Dimension Ø      | 6 mm           |
| Weight           | 9 kg           |

