



# Technical datasheet

## 42SB1600



Brand	EREA
Article Number	42SB1600
EAN-code Barcode	5414503120861
Code	12086
Product type	Single-phase safety transformer
Primary Voltage	230-400V AC
Secondary Voltage	42 VAC
Power	1 600 VA
Standards	EN 61558-2-6 EN 60742

### General properties

Applications	For all SELV applications	Maximum ambient temperature ta	40 °C
Protection class	Prepared for protection class I	Temperature class transfo	B
Degree of protection	IP00	Finishing	Vacuum- and pressure- varnish impregnated

### Electrical properties

Frequency	50-60 Hz	Efficiency	94 %
Po	43,8 W	Pcu	52 W
Dielectric Strength	4500 Vac	Insulation resistance	200 MΩ
Dielectric strength referred to frame	2500 Vac	Specific property	
Voltage drop (dU%)	3,2 %	Short-circuit voltage (Ucc %)	3,1 %
Recommended fuse PRI	D16A / aM16A (230V) C20A / D10A / aM10A (400V)	Recommended fuse SEC	C40A / gG40A

### Mechanical properties

Primary connection	Screw terminals 4 mm <sup>2</sup>	Housing IP20	U 22757
Secondary connection	Screw terminals 10 mm <sup>2</sup>	Housing IP23	K23EI240/003
Fixation	Angle sections with fixing holes	Housing IP44	K44UI240/010

### Protection case

### Dimensions/weight

Dimensions AxBxC	240x130x225 mm
Dimension D	200 mm
Dimension E	107 mm
Dimension Φ	11 mm
Weight	22 kg

