



# Technical datasheet

## E 42SB160



Brand	EREA
Article Number	E 42SB160
EAN-code Barcode	5414503120816
Code	12081
Product type	Single-phase safety transformer
Primary Voltage	230-400V AC
Secondary Voltage	42 VAC
Power	160 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	89 %
Po	6,1 W	Pcu	13 W
Dielectric Strength	4500 Vac	Insulation resistance	200 MΩ
Dielectric strength referred to frame	-	Specific property	
Voltage drop (dU%)	8,1 %	Short-circuit voltage (Ucc %)	7,6 %

### Mechanical properties

Primary connection	Screw terminals 4 mm <sup>2</sup>
Secondary connection	Screw terminals 4 mm <sup>2</sup>
Fixation	DIN-rail mounting

### Protection case

Housing IP20	-
Housing IP23	-
Housing IP44	-

### Dimensions/weight

Dimensions AxBxC	101x79x112 mm
Dimension D	84 mm
Dimension E	62 mm
Dimension Ø	6 mm
Weight	3 kg

