



Technical datasheet

E 42SB100



Brand	EREA
Article Number	E 42SB100
EAN-code Barcode	5414503120809
Code	12080
Product type	Single-phase safety transformer
Primary Voltage	230-400V AC
Secondary Voltage	42 VAC
Power	100 VA
Standards	EN 61558-2-2 EN 61558-2-6 EN 60742

General properties

Applications	For all SELV applications	Maximum ambient temperature t_a	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	90 %
Po	6,3 W	Pcu	5,5 W
Dielectric Strength	4500 Vac	Insulation resistance	200 MΩ
Dielectric strength referred to frame	-	Specific property	
Voltage drop (dU%)	4,4 %	Short-circuit voltage (Ucc %)	3,8 %

Mechanical properties

Primary connection	Screw terminals 4 mm ²
Secondary connection	Screw terminals 4 mm ²
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 Φ	6 mm
Weight	3 kg

