



Technical datasheet 230EC3700/IRC



Brand	EREA
Article Number	230EC3700/IRC
EAN-code Barcode	5414503115362
Code	11536
Product type	Single-phase isolating transformer
Primary Voltage	15-0-230V AC
Secondary Voltage	230V AC
Power	3 700 VA
Standards	EN 61558-2-4 EN 60742

General properties

Applications	For electric charging stations	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	96,9 %
Po	42 W	Pcu	78 W
Dielectric Strength	4000 Vac	Insulation resistance	-
Dielectric strength referred to frame	2000 Vac	Specific property	
Voltage drop (dU%)	2,1 %	Short-circuit voltage (Ucc %)	-
Recommended fuse PRI	C16A	Recommended fuse SEC	C16A

Mechanical properties

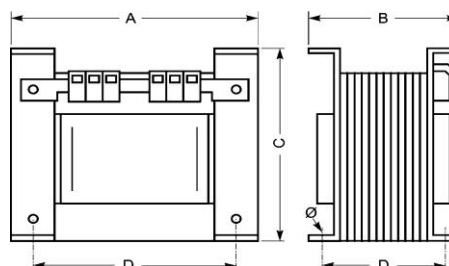
Primary connection	Screw terminals 10 mm ²
Secondary connection	Screw terminals 10 mm ²
Fixation	Supports with fixing holes

Protection case

Housing IP20	K20EC/030
Housing IP23	K23EC/030
Housing IP44	K44UI240/020

Dimensions/weight

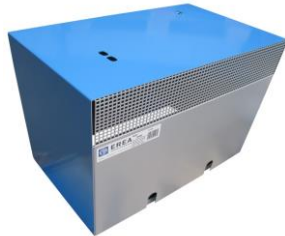
Dimensions AxBxC	240x200x225 mm
Dimension D	200 mm
Dimension E	177 mm
Dimension Φ	11 mm
Weight	47 kg





Accessories 230EC3700/IRC

IP20 housing



K20EC/030

IP23 housing



K23EC/030

Vibration damper

(4 pieces needed per transformer)



Silent block 50

