

# Safety isolating transformer EL 50/12



Picture shows EL 18/12

## Advantages

Solder tab for free wiring

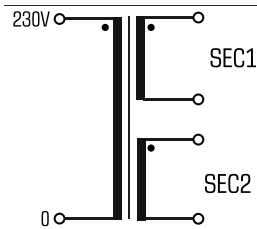
Very good corrosion protection and low noise due to vacuum impregnation

Simple mounting due to robust metal footplate with oval slots

## Applications

Safety isolating transformer for the safe electrical isolation of the input and output sides. The transformer is suitable for creating SELV and PELV circuits because of the limit on the output voltage.

## Sample application



## Standards

Safety isolating transformer  
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6

## Approvals





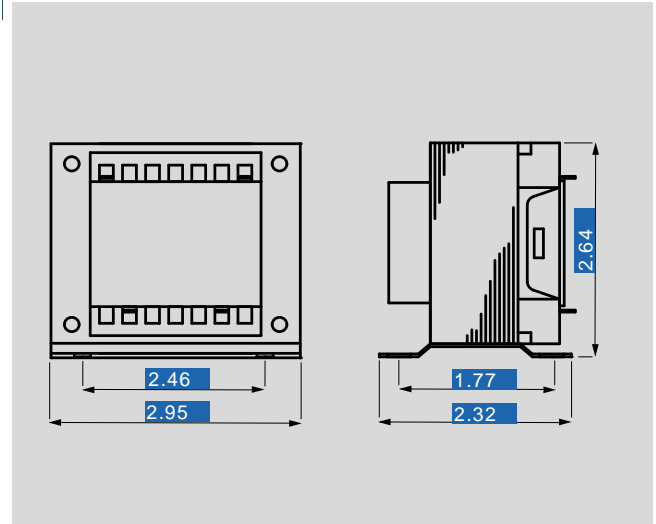
# Safety isolating transformer

## EL 50/12

Type		EL 50/12
<b>Electrical data</b>	<b>Input</b>	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	<b>Output</b>	
	Rated output voltage	2 x 12 Vac
	Power	50 VA
	No-load voltage (app. x factor)	1.15
	No-load loss (typ.)	3.5 W
	Efficiency	81 %
	<b>Environment</b>	
Ambient temperature max.	104.0 °F	
<b>Safety and protection</b>		
Type	Open type	
Insulation class	E	
Protection index	IP 00	
Safety class (prepared)	II	
Short circuit strength	non-short-circuit proof	
Overload protection	Typ PTC 840 (Accessory - available on request)	
Test voltage	4000 Vac, 50 Hz	
<b>Order numbers</b>		
<b>Order Number</b>	<b>EL 50/12</b>	

Type		EL 50/12
<b>Mechanical data</b>	<b>Terminal and mounting</b>	
	Fixing method	Base plate
	Fixing screws	M4
Terminals	Solder tab for free wiring	
<b>Measures and weights</b>		
Core type	EI 75/26,5	
Weight	2.14 lbs	

### Dimensions in inch



Subject to change.