

# Safety isolating transformer EL 100/18



Picture shows EL 18/12

## Advantages

Solder tab for free wiring

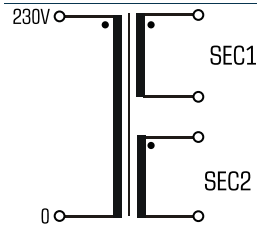
Very good corrosion protection and low noise thanks to BLOCK IMPEX vacuum impregnation

Simple mounting thanks 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

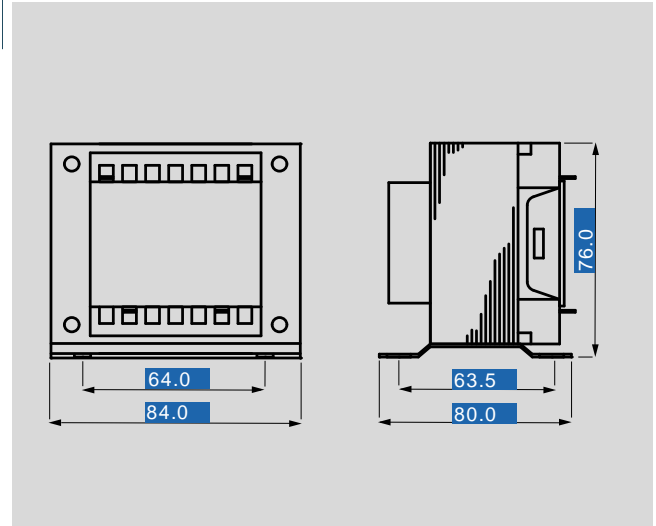




# Safety isolating transformer EL 100/18

Type		EL 100/18
<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 18 Vac
	Rated Power	100 VA
	No-load voltage (app. x factor)	1.11
	No-load loss (typ.)	4.70 W
	Efficiency	88.0 %
	<b>Environment</b>	
Ambient temperature max.	40 °C	
<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 810 (Accessory - available on request)	
Test voltage	4000 Vac, 50 Hz	
<b>Order numbers</b>		
<b>Order Number</b>	<b>EL 100/18</b>	

Type		EL 100/18
<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 84/43,5	
Weight	1.96 kg	



Subject to change.