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#### Safety isolating transformer

#### **EL 18/6**



## Advantages

Solder tab for free wiring

Very good corrosion protection and low noise thanks to  $\ensuremath{\mathsf{BLOCKIMPEX}}$  vacuum impregnation

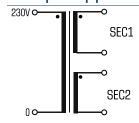
Coil shell in 2-chamber technology

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 18/6**

Rated frequency 50 - 60 Hz Fixing screws Moutput  Output  Rated output voltage 2 x 6 Vac Measures and weights  Rated Power 18.0 VA Torminals Sources and weights  Core type	EL 18/6	Type	EL 18/6	Type
Rated frequency Output  Rated output voltage Rated Power Rated Output voltage Rated Fixing method Fixin		Terminal and mounting		Input
Rated frequency Output  Rated output voltage Rated Power Ro-load voltage (app. x factor) No-load loss (typ.) Efficiency Environment  Ambient temperature max. Safety and protection  Type Class of Insulation System Protection index Safety class (prepared) Short circuit strength Overload protection  Typ PTC 860 (Accessory - available on request) Order numbers  Fixing screws Terminals Measures and weights Core type Weight  Output  Output  Terminals No-load Voltage Strenge Stren	Base plate	Fixing method	230 Vac	Rated input voltage
Rated Power  No-load voltage (app. x factor)  No-load loss (typ.)  Efficiency  Environment  Ambient temperature max.  Safety and protection  Type  Class of Insulation System  E  Protection index  Safety class (prepared)  Short circuit strength  Overload protection  Typ PTC 860 (Accessory - available on request)  Test voltage  Order numbers	M3	Fixing screws	50 - 60 Hz	
Rated Power  No-load voltage (app. x factor)  No-load loss (typ.)  Efficiency  Environment  Ambient temperature max.  Safety and protection  Type  Class of Insulation System  E  Protection index  Safety class (prepared)  Short circuit strength  Overload protection  Typ PTC 860 (Accessory - available on request)  Test voltage  Order numbers	Solder tab for free wiring			Output
Rated Power  No-load voltage (app. x factor)  No-load loss (typ.)  Efficiency  Environment  Ambient temperature max.  Safety and protection  Type  Class of Insulation System  E  Protection index  Safety class (prepared)  Short circuit strength  Overload protection  Typ PTC 860 (Accessory - available on request)  Test voltage  Order numbers		Measures and weights	2 x 6 Vac	Rated output voltage
Ambient temperature max.  Safety and protection  Type Class of Insulation System E Protection index IP 00 Safety class (prepared) Short circuit strength Overload protection Typ PTC 860 (Accessory - available on request) Test voltage Order numbers  400 °C  Open type  E  I  Open type  Class of Insulation System  E  IP 00  II  Short circuit strength Overload protection Typ PTC 860 (Accessory - available on request)  Test voltage Order numbers	El 60/21	Core type	18.0 VA	
Ambient temperature max.  Safety and protection  Type Class of Insulation System E Protection index IP 00 Safety class (prepared) Short circuit strength Overload protection Typ PTC 860 (Accessory - available on request) Test voltage Order numbers  400 °C  Open type  E  I  Open type  Class of Insulation System  E  IP 00  II  Short circuit strength Overload protection Typ PTC 860 (Accessory - available on request)  Test voltage Order numbers	0.50 kg	Weight	1.18	No-load voltage (app. x factor)
Ambient temperature max.  Safety and protection  Type Class of Insulation System E Protection index IP 00 Safety class (prepared) Short circuit strength Overload protection Typ PTC 860 (Accessory - available on request) Test voltage Order numbers  400 °C  Open type  E  I  Open type  Class of Insulation System  E  IP 00  II  Short circuit strength Overload protection Typ PTC 860 (Accessory - available on request)  Test voltage Order numbers				No-load loss (typ.)
Ambient temperature max.  Safety and protection  Type Class of Insulation System E Protection index IP 00 Safety class (prepared) Short circuit strength Overload protection Typ PTC 860 (Accessory - available on request) Test voltage Order numbers  400 °C  Open type  E  I  Open type  Class of Insulation System  E  IP 00  II  Short circuit strength Overload protection Typ PTC 860 (Accessory - available on request)  Test voltage Order numbers			72 %	Efficiency
Safety and protection  Type  Class of Insulation System  E  Protection index  IP 00  Safety class (prepared)  Short circuit strength  Overload protection  Typ PTC 860 (Accessory - available on request)  Test voltage  Order numbers				Environment
Type Open type Class of Insulation System E Protection index IP 00 Safety class (prepared) II Short circuit strength non-short-circuit proof Overload protection Typ PTC 860 (Accessory - available on request) Test voltage 4000 Vac, 50 Hz Order numbers			40 °C	Ambient temperature max.
Class of Insulation System Protection index IP 00 Safety class (prepared) II Short circuit strength Overload protection Typ PTC 860 (Accessory - available on request) Test voltage Order numbers				Safety and protection
Protection index  Safety class (prepared)  Short circuit strength  Overload protection  Test voltage  Order numbers  IP 00  II  non-short-circuit proof  Accessory - available on request)  Test voltage			Open type	Туре
Safety class (prepared)  Short circuit strength  Overload protection  Typ PTC 860 (Accessory - available on request)  Test voltage  Order numbers			_	Class of Insulation System
Short circuit strength non-short-circuit proof Overload protection Typ PTC 860 (Accessory - available on request) Test voltage 4000 Vac, 50 Hz Order numbers			IP 00	Protection index
Overload protection Typ PTC 860 (Accessory - available on request) Test voltage Order numbers			II	Safety class (prepared)
Test voltage 4000 Vac, 50 Hz Order numbers				Short circuit strength
Order numbers			Typ PTC 860 (Accessory - available on request)	Overload protection
			4000 Vac, 50 Hz	Test voltage
Order Number EL 18/6		l. <del>Inennoenl</del> . I		Order numbers
		00000000	EL 18/6	Order Number
50.0	32.0	50.0		
60.0	47.0	60.0		







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Product	Code	Reference	Product link
Safety isolating transformer open type, for wiring, PRI 230 V, SEC 7.5 - 100 VA, 2 $\times$ 6 - 2 $\times$ 24 Vac	EL186	EL 18/6	Buy on EAN