

Safety isolating transformer **ACT**



General Data

Rated input voltage 230 Vac
Rated output voltage 24 Vac
Rated power 10 - 100 VA
Insulation class B
Maximum ambient temperature 25 °C
Degree of protection IP 00

Advantages

Integrated short circuit and overload protection thanks to temperature fuse in the input and fuse in the output (ACT 10 only temperature fuse)
Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDensiFill resin encapsulation
Stable plastic housing for rail mounting, e.g. in consumer units or meter mounting boards

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.

Standards



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



Safety isolating transformer ACT

Electrical data	Type	ACT 10	ACT 25	ACT 63	ACT 100
	Input				
	Rated input voltage	230 Vac	230 Vac	230 Vac	230 Vac
	Frequency range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output				
	Rated output voltage	24 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	10 VA	25 VA	63 VA	100 VA
	Environment				
	Ambient temperature max.	25 °C	25 °C	25 °C	25 °C
	Cooling method	self cooling	self cooling	self cooling	self cooling
Safety and protection	Safety and protection				
	Type	Resin encapsulated transformer	Resin encapsulated transformer	Resin encapsulated transformer	Resin encapsulated transformer
	Class of Insulation System	B	B	B	B
	Protection index	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	II	II	II	II
	Short circuit strength	non-inherently short-circuit proof	non-inherently short-circuit proof	non-inherently short-circuit proof	non-inherently short-circuit proof
	Test voltage	3750 Vac, 50 Hz	3750 Vac, 50 Hz	3750 Vac, 50 Hz	3750 Vac, 50 Hz
Order numbers	Order Number	ACT 10	ACT 25	ACT 63	ACT 100
	Terminal and mounting				
Mechanical data	Terminals	Screw-type terminal	Screw-type terminal	Screw-type terminal	Screw-type terminal
	Fixing method	Panel installation on mounting rails	Panel installation on mounting rails	Panel installation on mounting rails	Panel installation on mounting rails
	Measures and weights				
	Weight	0.36 kg	0.95 kg	1.93 kg	1.93 kg
	Dimension picture (in mm)	①	②	③	③
	A	35	106	159	159
	B	94	94	94	94
	C	63	63	63	63

Dimension pictures

