

Inrush current limiter **ESG 1 / ESG 2**



General Data

Rated voltage 220 - 250 Vac
Maximum rated current 16 A
Internal resistance 3.75 Ohms
Maximum ambient temperature 40 °C
Degree of protection IP 20

Advantages

Very good moisture protection thanks to XtraDenseFill resin encapsulation
May be used anywhere for stationary and mobile applications
ESG 1: Integrated safety plug and built-in safety socket
ESG 2: 1.4 m connecting cable with safety plug and built-in safety socket

Applications

Inrush current limiting option for limiting the inrush current in transformers with high switch-on or inrush currents (not suited for electrical machinery or motors).

1 Transformers Inrush current limiters



Inrush current limiter ESG 1 / ESG 2

		ESG 1	ESG 2	
Electrical data	Typ	ESG 1	ESG 2	
	Operating data			
	Rated voltage	220 - 250 Vac	220 - 250 Vac	
	Rated frequency	50 - 60 Hz	50 - 60 Hz	
	Rated current	max. 16 A	max. 16 A	
	Environment			
	Ambient temperature max.	40 °C	40 °C	
	Safety and protection			
	Safety	integrated, non-replaceable thermal fuse in the input circuit	integrated, non-replaceable thermal fuse in the input circuit	
	Type	Resin encapsulated transformer	Resin encapsulated transformer	
Protection index	IP 20	IP 20		
Safety class (prepared)	I	I		
Internal impedance	3.75 Ω	3.75 Ω		
Order numbers				
Order Number		ESG 1	ESG 2	
Mechanical data	Terminal and mounting			
	Terminals Input	Integrated safety plug	Mains connecting cable with safety plug	
	Terminals Output	Safety socket	Safety socket	
	Measures and weights			
	Weight	0.40 kg	0.55 kg	
	Dimension (W x H x D)	64 x 132 x 65,5 mm	66 x 145 x 70,5 mm	
	Dimension picture (in mm)	①	②	
	A	132	145	
	B	65.5	70.5	
	C	64	66	
D	105	80		
E	119.5	121		

Dimension pictures

