

Starting current limiter **ESG 3 / ESG 4 / ESG 5**



General Data

Rated voltage 115 - 230 Vac $\pm 10\%$
Maximum rated current 16 A
Internal resistance 7.8 Ohms (ESG 3/4), 4.4 Ohms (ESG 5)
Maximum ambient temperature 40 °C
Degree of protection IP 65

Advantages

Dynamic limit times for optimum starting of consumers with high starting currents
Current-controlled with no-load detection, hence full current limit protection, even if momentarily switched back on
Integrated, non-exchangeable temperature fuse in the input circuit
Very good moisture protection thanks to XtraDenseFill resin encapsulation
May be used anywhere for stationary and mobile applications
High degree of protection
ESG 3: 2 x 1.4 m connecting cable with DIN 49440,1 safety plug and safety connector (GER)
ESG 4: 2 x 1.4 m connecting cable with BS 1663 safety plug and safety connector (UK)
ESG 5: 2 x 1.4 m connecting cable with NEMA5-15 safety plug and safety connector (USA)

Applications

Starting current limiting option for limiting the starting current in power tools, transformers and other consumers with high switch-on or starting currents.



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Electrical data	Type	ESG 3	ESG 4	ESG 5
	Operating data			
	Rated voltage	115 - 230 Vac ±10 %	115 - 230 Vac ±10 %	115 - 230 Vac ±10 %
	Rated current	max. 16 A	max. 16 A	max. 16 A
	Input			
	Rated frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Environment			
	Ambient temperature max.	40 °C	40 °C	40 °C
	Safety and protection			
	Type	Resin encapsulated transformer	Resin encapsulated transformer	Resin encapsulated transformer
Mechanical data	Protection index	housing IP 65	housing IP 65	housing IP 65
	Safety class (prepared)	I	I	I
	Internal impedance	7.80 Ω	7.80 Ω	4.40 Ω
	Order numbers			
	Order Number	ESG 3	ESG 4	ESG 5
	Terminal and mounting			
	Terminals PRI	Connecting cable with DIN49440,1 protected contact plug (GER)	Connecting cable with BS 1663 protected contact plug (UK)	Connecting cable with NEMA5-15 protected contact plug (USA)
	Terminals SEC	Connecting cable with DIN49440,1 protected contact coupling (GER)	Connecting cable with BS 1663 protected contact coupling (UK)	Connecting cable with NEMA5-15 protected contact coupling (USA)
	Measures and weights			
	Weight	0.69 kg	0.69 kg	0.69 kg
	Wide	66 mm	66 mm	66 mm
	Height	70 mm	70 mm	70 mm
	Depth	121 mm	121 mm	121 mm

1.1

1.2

1.3

1.4

1.5