

## Inrush current limiter, current-controlled with no-load detection

### ESG 3



Picture shows ESG 3

### Advantages

- Dynamic limit times for optimum inrush of loads with high inrush currents
- Current-controlled with no-load detection, hence full current limit protection, even if momentarily switched back on
- Very good moisture protection due to XtraDenseFill resin encapsulation
- May be used anywhere for stationary and mobile applications
- High degree of protection
- ESG 3: 2 x Mains cables with safety plug and with safety plug and safety coupling DIN 49440-1 (GER) for mobile use
- ESG 7: 2 x 1.3m mains cable with connector and coupling IEC 60321-1 C13 / C14

### Applications

Inrush current limiting option for limiting the inrush current in power tools, transformers and other loads with high switch-on or inrush currents.

### Approvals





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## ESG 3

| Type                |                          | ESG 3   |
|---------------------|--------------------------|---|
| Electrical data     | Operating data           |   |
|                     | Rated voltage            | 230 Vac   |
|                     | Voltage range            | 99 ... 253 Vac  |
|                     | Rated frequency          | 50 - 60 Hz  |
|                     | Rated current            | 16 A  |
|                     | Internal impedance       | 7.8 Ω   |
|                     | Approvals                |   |
|                     | Approvals                | -   |
|                     | Environment              |   |
|                     | Ambient temperature max. | 104.0 °F  |
|                     | Safety and protection    |   |
|                     | Safety                   | integrated, non-replaceable thermal fuse in the input circuit |
|                     | Type                     | Resin encapsulated transformer                                |
|                     | Protection index         | housing IP 65, housing connections IP 44                      |
|                     | Safety class (prepared)  | I   |
| Order numbers       |                          |   |
| <b>Order Number</b> | <b>ESG 3</b>             |   |

| Type            |                       | ESG 3  |
|-----------------|-----------------------|--|
| Mechanical data | Terminal and mounting |  |
|                 | Terminals Input       | Mains connecting cable with DIN49440.1 protected contact plug<br>DIN 49440-1 (GER) |
|                 | Terminals Output      | Connecting cable with DIN49440.1 protected contact coupling DIN 49440-1 (GER)      |
|                 | Measures and weights  |  |
|                 | Weight                | 1.65 lbs   |
|                 | Dimensions in inch    |  |

