

Inrush Current Limiter ESB 16A for inductive and capacitive loads

Switching on converters (power supply units) or other loads can result in undefined high current peaks, which may lead to unwanted tripping of safety elements such as miniature circuit breakers.

The inrush current limiter ESB reliably limits these high current pulses and prevents circuit breakers from tripping.

The ESB initially damps the high inrush current by means of a high-power resistor. After a pre-defined delay time, the resistor is bridged by a bypass relay allowing a free current flow.

To prevent the module from overheating, the inrush current limiter is equipped with an integrated, non-replaceable thermal fuse.

Note: The module is not suitable for continuous flash operation!

Rated voltage:

230 V (+/-10%), 50/60 Hz

Rated current:

16 A

Peak current limitation:

16 A

Limitation duration:

520 ms

Mounting:

On 35 mm DIN rail or wall mounting

Cable cross-section:

0.5 to 6 mm²

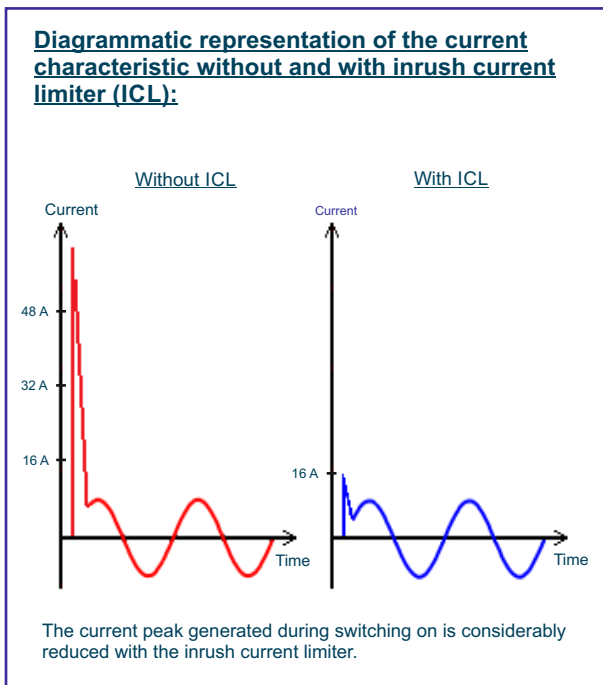
Temperatures:

Ambient temperature range: -25 to +65 °C

Housing:

Polycarbonate, UL94V-0

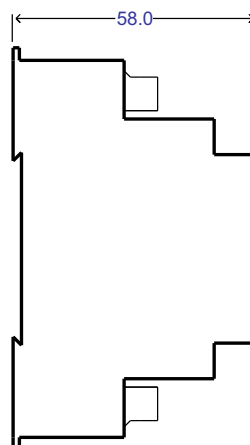
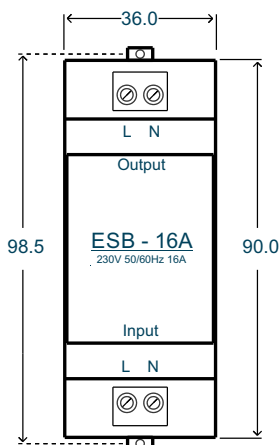
Degree of protection: IP20



Housing dimensions:

Article-no.: 5 9200 045

Distance between mounting holes in DIN rail clip for wall mounting



Housing colour: grey
All dimensions in millimetres



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