



INTRODUCTION

Inrush current limiters are used to prevent peak currents caused during switching of inductive or capacitive loads. By using the inrush current limiter the unnecessary activation of a protective breaker can be prevented.

some specific types of load are known for causing these high inrush currents:

- Power switching modules (PSM)
- Transformers

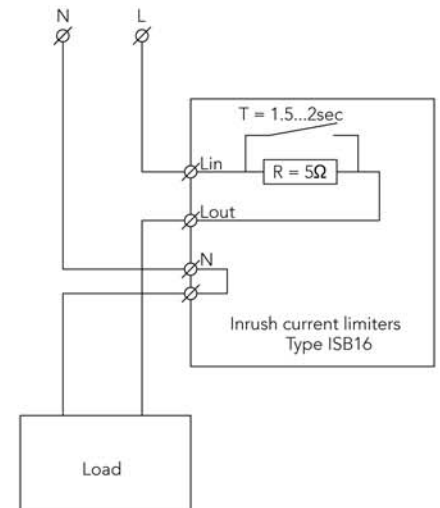
INRUSH CURRENT LIMITERS

Inrush current limiter type	ISB-8	ISB-16
Voltage	110-230V	110-230V
Max. load AC1	1840VA	3680VA
Nominal current	8A	16A
Max. current	25A	50A
Time delay	1,5...2 sec.	1,5...2 sec.
Consumption	<450mW	<450mW
Dimensions (h x w x d in mm)	95 x 36 x 60 mm	95 x 36 x 60 mm
Enclosure	Synthetic PA UL94-V0	Synthetic PA UL94-V0
Protection degree	IP20	IP20
Mechanical strength	IK07	IK07
Connection	0,2 – 4,0 mm ²	0,2 – 4,0 mm ²
Standards	IEC61010-1:2010/C1:2011	IEC61010-1:2010/C1:2011
Mounting	DIN rail TS 35	DIN rail TS 35

Characteristics:

- Custom made
- Different designs possible
- CE certified (with certificate)
- Different standard types available

Caution! Due to the incorporated over temperature protection the inrush current limiter requires a certain cooling down period between the switching cycles. The time required to cool down should be approximately 1 minute after a switching cycle.



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