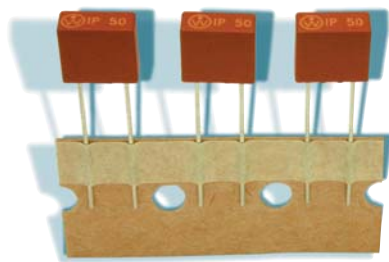
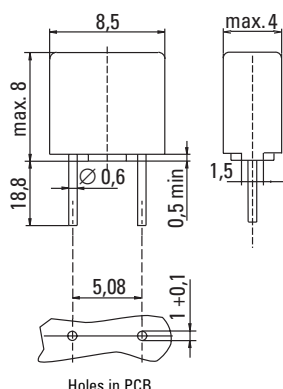


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Dimensions (mm)



Protector, 65V

For Short Circuit Protection of Sensitive Electronic Components and Assemblies

Time-Current Characteristic

Time Lag (T)

Operating Criteria

Maximum continuous current:

$$I_C \geq I_{\text{operating max}} \times F_T \text{ time lag}$$

Maximum fault current:

$$I_{\text{Fault}} \leq 10A \text{ at } 250VAC$$

Features

For worldwide applications
Reduced PCB space requirements
Highly defined cut-off times
Irreversible physical separation
Low internal resistance
Flame resistant encapsulated casing

Specifications

Packaging

000: Tape/Ammopack (1400 pcs.)

Materials

Base/Cap: Brown Thermoplastic
Polyamide PA 6.6, UL 94V0

Round Pins: Copper, tin plated

Operating Temperature

-40°C to +85°C (consider de-rating)

Climatic Category

-25°C/+70°C/21 days (EN 60068-1..3)

Stock Conditions

+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew, maximum value for 30 days-95%

Vibration Resistance

24 cycles at 15 min. each (EN 60068-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Lead Pull Strength

10N (EN 60068-2-21)

Solderability

260°C, ≤ 3 sec. (Wave)
350°C, ≤ 1 sec. (Hand)

Soldering Heat Resistance

260°C, 10 sec. (IEC 60068-2-20)

Marking

Ⓢ, Type

Unit Weight

0.60g (approx.)

Limits for Pre-arcing Time

Rated Current	1.4 x I_{Rat}	1.66 x I_{Rat}	2.5 x I_{Rat}
60mA		> 600 s	< 45 s



Permissible continuous operating current is ≤ 100% at ambient temperature of 23°C (73.4°F).

Continuous Current I_C	Type	Amp Code	Voltage Rating	Fault Current max.	Cold Resistance $0.1 \times I_C$ typ. (mΩ)	Power Dissipation $1.0 \times I_C$ max. (mW)	Melting Integral $10 \times I_C$ typ. (A²s)
60mA		0060	250 V AC	10A/250VAC/DC 50-60Hz cosφ=1.0	6080	100	0.033

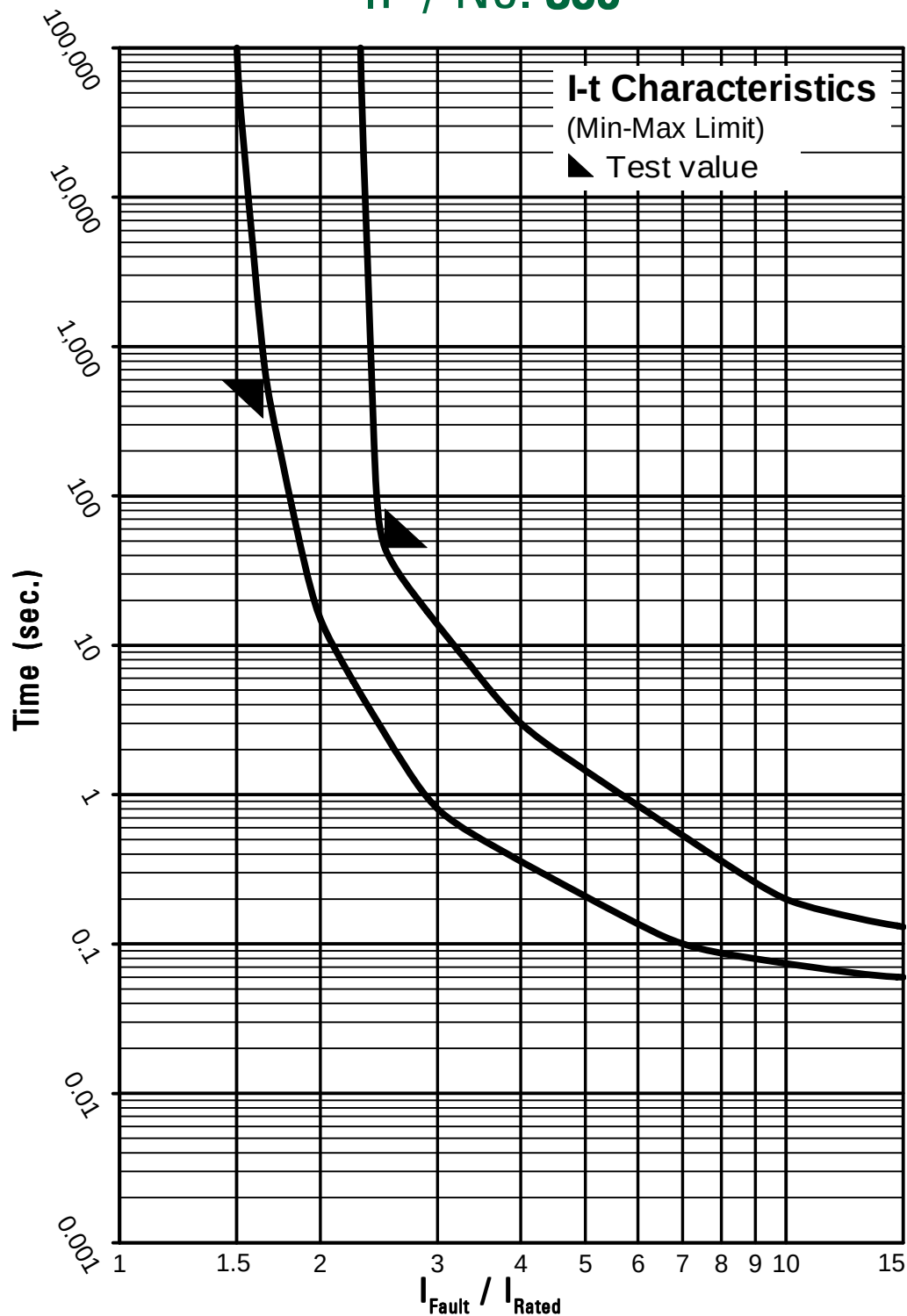
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		389		

Specifications are subject to change without notice

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Contact Littelfuse for individual I-t curves