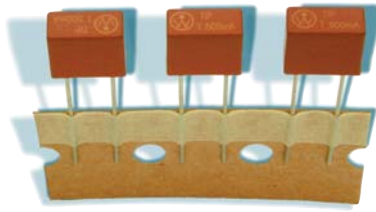
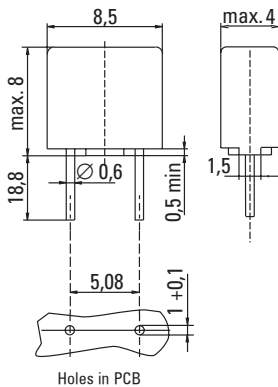


No. 885 / TIP



Dimensions (mm)



Telecom Interface Protector Specifications

Lead Free

Time-Current Characteristic
Transient Tolerant (T)Standard
UL 248-14
CSA C22.2 No. 248.14Approvals
cULus Recognized

Features

Surge proof for telecom applications
Reduced PCB space requirements
Highly defined cut-off times
Irreversible physical separation
Low internal resistance
Flame resistant encapsulated casing
CCCe for China import

WebLinks

Further infos see:
www.wickmanngroup.comFurther application infos see
Fuseology:
www.wickmanngroup.com/download/fuseology.pdf

Packaging

000: Tape/Ammopack (1400 pcs.)

Materials

Base/Cap: Brown Thermoplastic
Polyamide PA 6.6, UL 94V0
Round Pins: Copper, Sn plated

Operating Temperature

-40 °C to +85 °C (consider de-rating)

Climatic Category

-40 °C/+85 °C/21 days
(EN 60068-1,-2-1,-2-2,-2-78)

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 - 60 Hz at 0.75 mm amplitude
60 - 2000 Hz at 10 g acceleration

Lead Pull Strength

10N (EN 60068-2-21)

Solderability

260 °C, ≤ 3 s (Wave)
350 °C, ≤ 3 s (Soldering iron)

Soldering Heat Resistance

260 °C, 10 s (IEC 60068-2-20)

Marking

Ⓢ, TIP, T, Current Rating

Unit Weight

0.60 g (approx.)

Limits for Pre-arcing Time

Rated Current	$1.0 \times I_N$	$3.0 \times I_N$ Ⓢ
350 mA ... 1.50 A	> 2 h	300 ms ... 5 s

RoHS

Soldering Process
Lead free

cULus

CCCe

Permissible continuous operating current is ≤ 70% at ambient temperature of 23°C (73.4°F).

Rated Current	Amp Code	Voltage Rating	Breaking Capacity	Cold Resistance $0.1 \times I_N$ Ⓢ max. (mΩ)	Voltage Drop $1.0 \times I_N$ Ⓢ max. (mV)	Power Dissipation $1.0 \times I_N$ Ⓢ max. (mW)	Melting Integral $10 \times I_N$ Ⓢ min. (A²s)	Surge Amplitude (A) ¹	Approvals				
								FCC	Bellcore	ITU	cULus	CCCe	
350mA	0350	125V	50 A / 125 V AC 50-60 Hz cos φ = 1.0	540	250	90	0.6	32	19	36	•	•	
500mA	0500	125V		320	220	110	1.2	48	26	61	•	•	
800mA	0800	125V		160	170	130	2.7	80	42	67	•	•	
1.00A	1100	125V		105	140	130	4.5	100	52	67	•	•	
1.25A	1125	125V		75	125	140	6.7	128	65	67	•	•	
1.50A	1150	125V		60	120	170	9.0	155	78	67	•	•	

¹ FCC 47 Part 68: Minimum pulse load quantity is 2 pulses at a test generator output of 800V and 10x560μs waveform.
ITU-T K.20: Minimum pulse load quantity is 30 pulses at a test generator output of 1000V, 67A and 10x700μs waveform.
Bellcore GR-1089: Minimum pulse load quantity is 50 pulses at a test generator output of 1000V and 10x1000μs.

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		385		

Specifications are subject to change without notice

WebSite

050223 www.wickmanngroup.com E-mail: sales@wickmann.com

Europe Tel: +49 2302 662-107

Americas Tel: +1 404 699-7820

E-mail: service@wickmannusa.com

Asia Tel: +852 26 14-1108

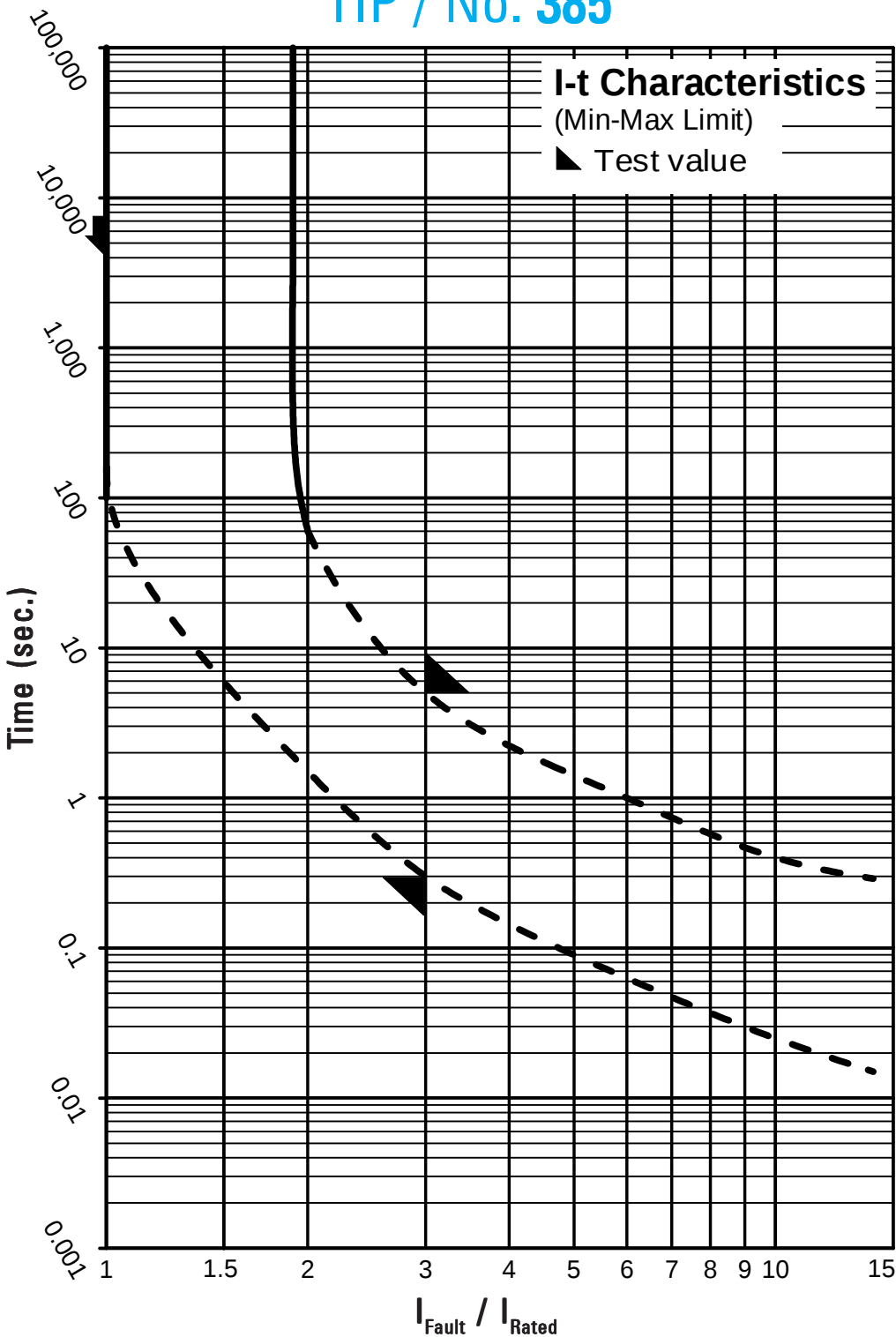
E-mail: sales@wickmann.com.hk

China Tel: +86 21 6432 5146

E-mail: sales@wickmann.cn

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TIP / No. 385



Contact WICKMANN for individual I-t curves