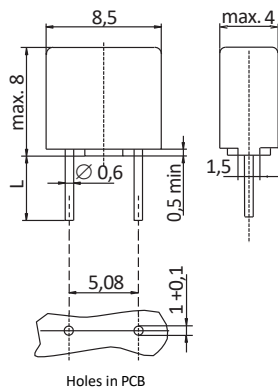


No. 392 / TE5®



Dimensions (mm)



Long Leads (L=18.8 mm)
Short Leads (L=4.3 mm)

IEC 60127-3/IV, 250 V, T

Lead Free

Time-Current Characteristic

Time Lag (T)

Standard

According to IEC 60127-3/IV

Approvals

VDE Expert Report
SEMKO
cULus Recognized
METI-PSE
CCC

Features

Lead Free
Reduced PCB space requirements
Direct solderable or plug-in versions
Internationally approved
Low internal resistance
Shocksafe casing
Vibration resistant
Halogen free

RoHS



Specifications

Packaging

000: Tape/Ammopack (1400 pcs.)
044: Short Leads - Bulk (1400 pcs.)

Materials

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

10 N (IEC 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

Ⓢ, T, Current Rating, Approvals

Unit Weight

0.60 g (approx.)

Limits for Pre-arcing Time

Rated Current	$1.5 \times I_N$	$2.1 \times I_N$	$2.75 \times I_N$	$4 \times I_N$	$10 \times I_N$
500 mA ... 8.00 A	> 1 h	< 2 min	400 ms ... 10 s	150 ms ... 3 s	20 ms ... 150 ms



Rated Current	Amp Code	Voltage Rating	Breaking Capacity 50-60Hz/cos φ=1.0	Voltage Drop $1.0 \times I_N$ Ⓢ max. (mV)	Power Dissipation $1.5 \times I_N$ Ⓢ max. (mW)	Melting Integral $10 \times I_N$ Ⓢ	Approvals
							VDE SEMKO cULus METI-PSE CCC
500 mA	T0.5A	250V	5A/250 V AC	110	280	3.80	G • • • •
1.00 A	T1A	250V	10A/250 V AC	115	400	5.80	G • • • •
1.50 A	T1.5A	250V	15A/250 V AC	100	500	9.75	G • • • •
2.00 A	T2A	250V	20A/250 V AC	95	600	13.50	G • • • •
2.50 A	T2.5A	250V	25A/250 V AC	90	700	21.00	G • • • •
3.15 A	T3.15A	250V	31.5A/250 V AC	85	750	32.00	G • • • •
4.00 A	T4A	250V	40A/250 V AC	80	1100	55.00	G • • • •
5.00 A	T5A	250V	50A/250 V AC	75	1200	100.00	G • • • •
6.30 A	T6.3A	250V	63A/250 V AC	75	1300	150.00	G • • • •
8.00 A	T8A	250V	80A/250 V AC	70	1450	220.00	G • • • •
10.00 A	T10A	250V	100A/250 V AC	65	1600	250.00	G • • • •
15.00 A	T15A	250V	150A/250 V AC	65	1800	300.00	G • • • •

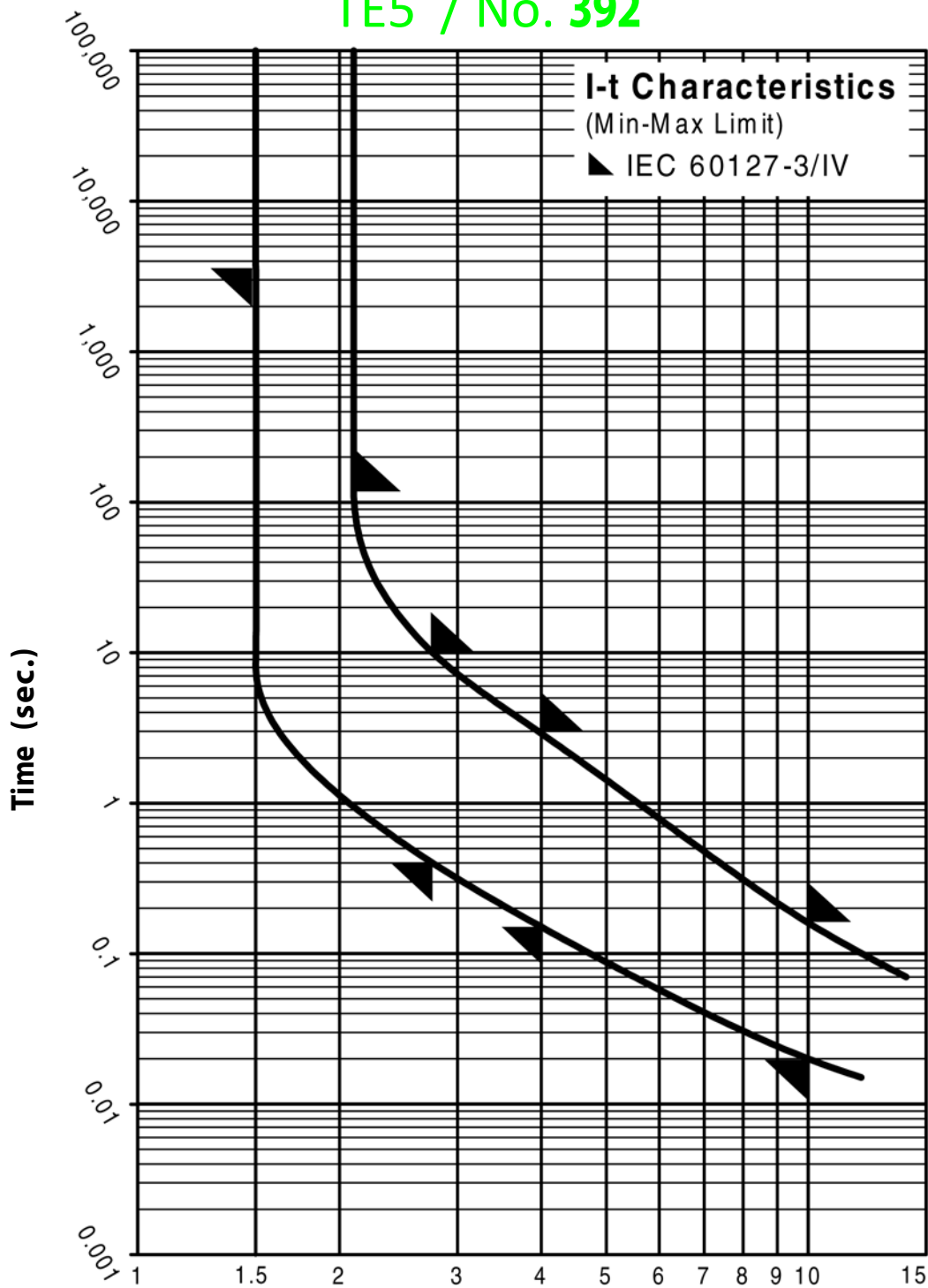
G = Expert Report

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		392		

Specifications are subject to change without notice

TE5[®] / No. 392



$I_{\text{Fault}} / I_{\text{Rated}}$