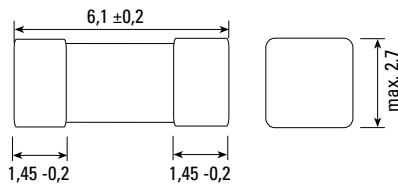


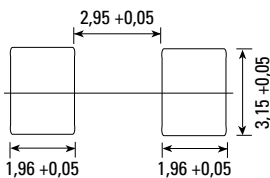
查 14190250000 供应南



Dimensions (mm)



Pad Layout



UL 248-14, 125V, F

Time-Current Characteristic

Quick Acting (F)

Standard

UL 248-14
CSA C22.2 No. 248.14

Approvals (pending)

cULus Recognized: File No. E 67006

Features

Flame resistant ceramic housing
For line or low voltage applications
Low voltage drop
Internationally approved

WebLinks

Data Sheet

www.wickmann.com/products/419.pdf

Approval Certificates

www.wickmann.com/approvals

Time-Current Curve

Page 70
www.wickmann.com/itcurves

Packaging

Page 118
www.wickmann.com/pack

FaxBack Document # 328

Specifications

Packaging

000: Blister Tape (1000 pcs.)

Materials

Housing: Ceramic
Element: Wire
Terminals: Copper alloy, tin plated

Operating Temperature

-40°C to +85°C (consider de-rating)

Climatic Category

-40°C/+85°C/21 days (IEC 60068-2-1...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 (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Solderability

235°C, 3 sec. (IEC 60068-2-58)

Soldering Heat Resistance

260°C, 10 sec. (IEC 60068-2-58)

Minimum Cross Section, Copper

Conducting path - 0.1mm²
Path thickness - 0.035mm

Mounting

Solder the fuse with the marked side facing up
Avoid circuit traces below the fuse

Marking

 F, Current Rating

Unit Weight

0.23g (approx.)

Limits for Pre-arcing Time

Rated Current	$2.0 \times I_{\text{Rated}}$	$2.0 \times I_{\text{Rated}}$ 
250mA ... 10.00A	< 60s	< 5s



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

Rated Current	Amp Code	Voltage Rating	Breaking Capacity	Voltage Drop $1.0 \times I_{\text{Rated}}$ typ. (mV)	Power Dissipation $1.0 \times I_{\text{Rated}}$ typ. (mW)	Melting Integral $10 \times I_{\text{Rated}}$ max. (A ² s)	Approvals
250mA	0250	125V		-	-	-	
500mA	0500	125V		-	-	-	
750mA	0750	125V		360	300	0.27	P
1.00A	1100	125V	50A / 125VAC/DC	210	230	0.50	P
1.50A	1150	125V	50-60Hz	200	370	1.10	P
2.00A	1200	125V	cos φ = 1.0	180	400	1.10	P
2.50A	1250	125V		220	550	1.20	P
3.00A	1300	125V		160	600	2.00	P
4.00A	1400	125V		140	670	4.30	P
5.00A	1500	125V	35A AC / 50A DC~	130	750	7.50	P
7.00A	1700	125V		130	1200	13.60	P
8.00 A	1800	125V	35A / 125VAC/DC	95	800	20.00	P
10.00A	2100	125V		100	1400	27.00	P

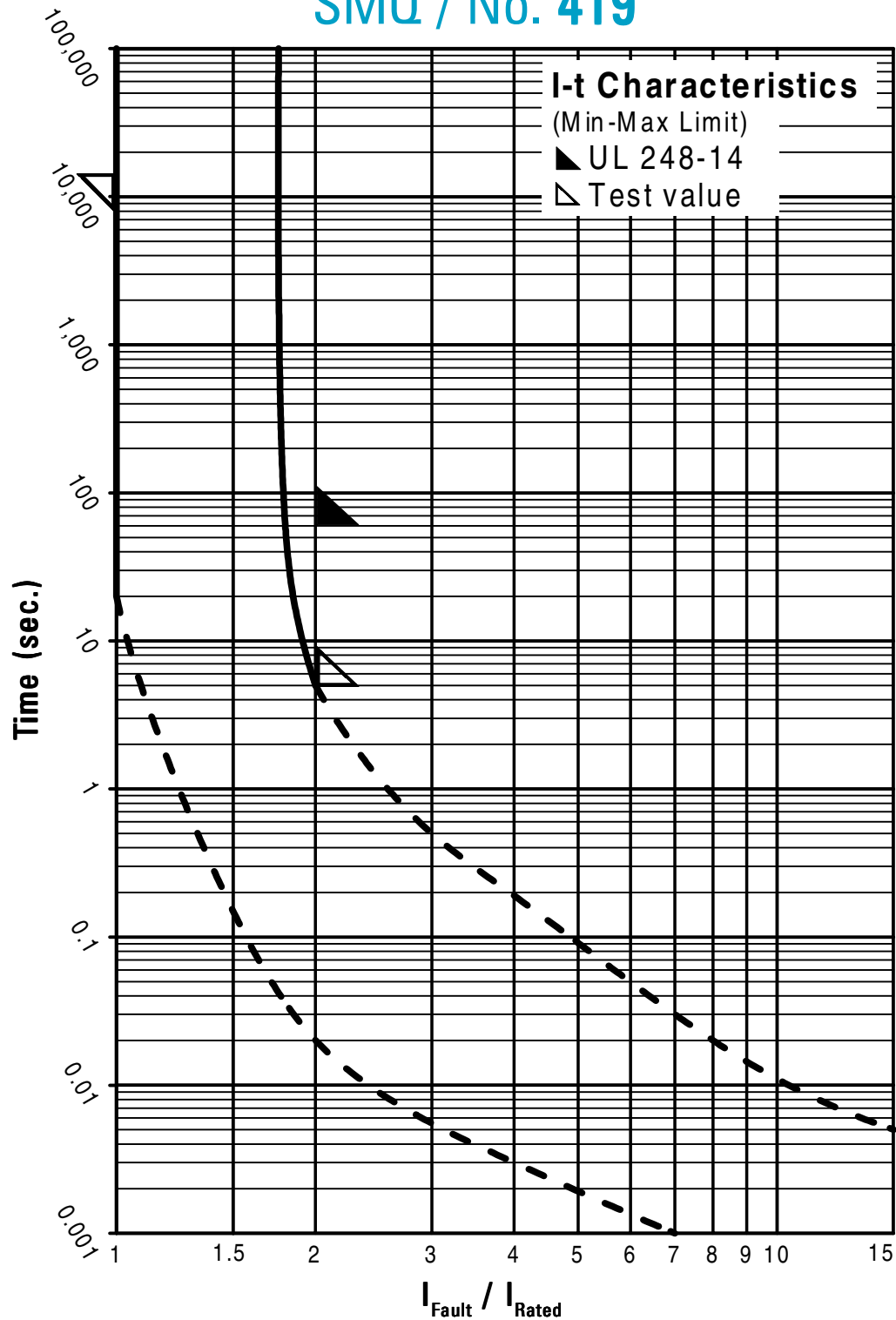
P Pending

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		419		

[查询"4190250000"供应商](#)

SMQ / No. 419



Contact WICKMANN for individual I-t curves