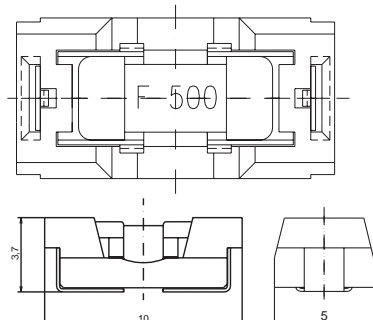
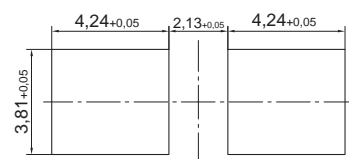



**No. 424 / X-SMQ**

This product is not recommended for new designs. Please refer to Littelfuse No. 154.

**Dimensions (mm)****Pad Layout****Limits for Pre-arcing Time**

Rated Current	$2.0 \times I_N$ 
62mA ... 7.00A	< 5s

**UL 248-14, 125V, F****Holder with mounted fuse No. 419****Time-Current Characteristic**  
Quick acting (F)

**Standard**  
UL 248-14  
CSA C22.2 No. 248.14

**Approvals**  
cULus Recognized

**Features**

Easy exchange of the fuse  
For line or low voltage applications  
Low voltage drop  
Internationally approved  
High pulse resistance  
For reflow soldering

**WebLinks****Further info see:**

[www.wickmanngroup.com](http://www.wickmanngroup.com)

**Further application info see Fuseology:**

[www.wickmann.com/download/fuseology.pdf](http://www.wickmann.com/download/fuseology.pdf)

**Specifications****Packaging**

010: Blister tape 38 cm reel (1500 pcs.)  
tape width 16 mm

**Materials of the Holder**

Housing: Holder plastics UL94 V-0  
Terminals: Copper alloy, Ni+Sn plated,  
lead free

**Operating Temperature**

-55°C to +125°C (consider de-rating)

**Climatic Category**

-55°C/+125°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)  
280°C, 5 sec.

**Minimum Cross Section, Copper**

Conducting path - 0.1mm<sup>2</sup>  
Thickness - 0.035mm

**Mounting**

Avoid circuit traces below the fuse

**Marking on fuse**




F, Current Rating

**Unit Weight**

0.4g (approx.)



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 $1.0 \times I_N$  typ. (mV)	Power Dissipation $1.0 \times I_N$  typ. (mW)	Melting Integral $10 \times I_N$  min. (A <sup>2</sup> s) typ.		Approbationen cULus
62mA	0062	125V		1600	85	0.00014	0.000095	•
125mA	0125	125V		1300	120	0.00085	0.00067	•
250mA	0250	125V		950	150	0.0065	0.0052	•
500mA	0500	125V		360	200	0.093	0.074	•
750mA	0750	125V		350	300	0.25	0.20	•
1.00A	1100	125V	50A/125VAC/DC	210	230	0.50	0.42	•
1.50A	1150	125V	50-60Hz	250	500	1.10	0.95	•
2.00A	1200	125V	cos φ = 1.0	180	400	1.10	0.90	•
2.50A	1250	125V		220	550	1.20	0.95	•
3.00A	1300	125V		160	600	2.00	1.70	•
4.00A	1400	125V		140	670	4.30	3.42	•
5.00A	1500	125V		130	750	7.50	6.80	•
7.00A	1700	125V	35A/125VAC 100A / 125VDC 50-60Hz cos φ = 1.0	130	1200	13.60	11.60	•

\*) Please note: The holder no. 424 is lead-free, but not the inserted fuse no. 419

**Order Information**

Qty.	Order-Number	Series	Amp Code	Packaging
		424		

Specifications are subject to change without notice

**WebSite**

Europe Tel: +49 2302 662-107  
www.wickmanngroup.com E-mail: sales@wickmann.com

**Americas** Tel: +1 404 699-7820

E-mail: service@wickmannusa.com

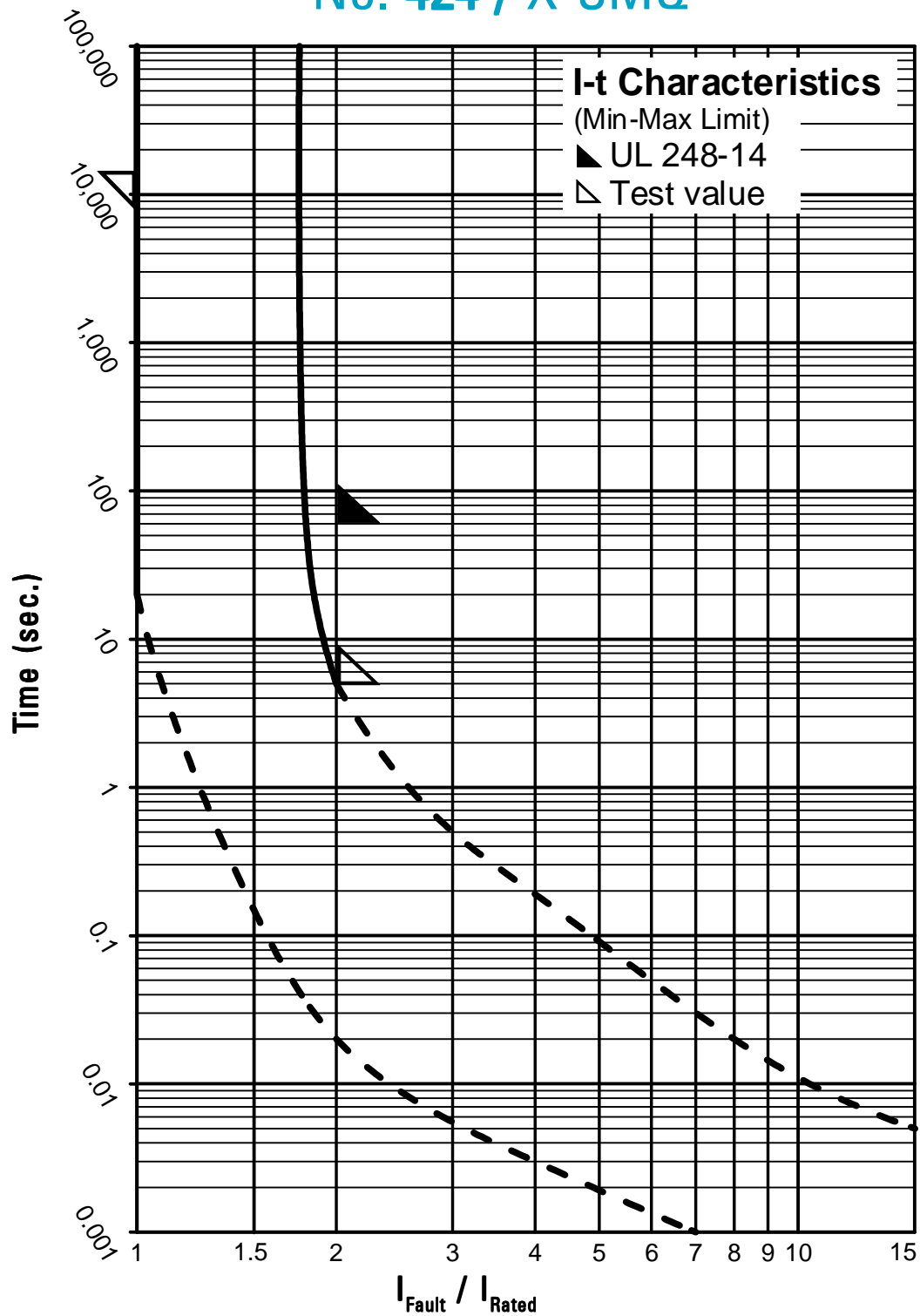
**Asia** Tel: +852 26 14-1108

E-mail: sales@wickmann.com.hk

**China** Tel: +86 21 6432 5146

E-mail: sales@wickmann.com

## No. 424 / X-SMQ



Contact WICKMANN for individual I-t curves