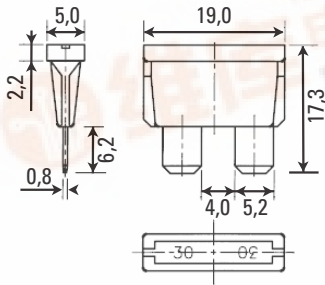


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Manufactured by Pudezn

### Dimensions (mm)



## UL 275A, 32V, <sup>2</sup>F

### Time-Current Characteristic

Quick Acting (F)

### Standards

UL 275A  
 SAE J1284  
 DIN 72581/3C  
 ISO 8820

### Approvals

UL Listed: File No. E 180223

### Features

Easy plug-in design  
 Visual fault indication  
 Internationally standardized  
 Low internal resistance  
 High temperature casing

### WebLinks

#### Data Sheet

[www.wickmann.com/products/162.pdf](http://www.wickmann.com/products/162.pdf)

#### Approval Certificates

[www.wickmann.com/approvals](http://www.wickmann.com/approvals)

#### Time-Current Curve

Page 77

#### FaxBack Document # 402

## Specifications

### Packaging

100: Bulk (2000 pcs.)

### Materials

Body: Color-coded Thermoplastic, UL 94V0  
 Element: Wire, visible through cover  
 Cover: Transparent Thermoplastic  
 Terminals: E-Cu 58 F 30 DIN 1787, gal. Sn 4 μm min., edge protected

### Operating Temperature

-40°C to +85°C (consider de-rating)

### Stock Conditions

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

### Accelerated Ageing

15 cycles each (UL 275A)  
 16 hrs. at 95-99% rel. humidity & 37 ±1°C  
 2 hrs. at -40 ±1°C  
 2 hrs. at 79 ±1°C  
 4 hrs. at room ambient  
 Followed by 1.1, 1.35 and 2.0 x I<sub>Rated</sub> tests

### Marking

, 32V, Current Rating, Date Code

### Unit Weight

1.4g (approx.)

### Further Details

Refer to [www.pudezn.com](http://www.pudezn.com)

### Limits for Pre-arcing Time

Rated Current	1.1 x I <sub>Rated</sub>	1.35 x I <sub>Rated</sub>	2.0 x I <sub>Rated</sub>	3.5 x I <sub>Rated</sub>	6.0 x I <sub>Rated</sub>
500mA ... 40.00A	> 100h	750ms ... 30 min	150ms ... 5s	40ms ... 500ms	20ms ... 100ms



### Permissible continuous operating current is ≤ 80% at ambient temperature of 23°C (73.4°F).

Rated Current	Amp Code	Voltage Rating	Breaking Capacity	Voltage Drop 1.0 x I <sub>Rated</sub> max. (mV)	Melting Integral 10 x I <sub>Rated</sub> (A <sup>2</sup> s)	Color Code	Approvals
500mA <sup>1</sup>	0500	32V		275	0.8	blue	
1.00A	1100	32V		115	1.0	black	•
2.00A	1200	32V		120	4.7	grey	•
3.00A	1300	32V		100	9	violet	•
4.00A	1400	32V		100	19	pink	•
5.00A	1500	32V		90	32	light brown	•
7.50A	1750	32V	1000A / 32VDC	80	60	brown	•
10.00A	2100	32V		85	120	red	•
15.00A	2150	32V		85	300	light blue	•
20.00A	2200	32V		90	900	yellow	•
25.00A	2250	32V		75	900	white	•
30.00A	2300	32V		70	1200	light green	•
35.00A	2350	32V		65	2000	green	•
40.00A	2400	32V		65	3400	orange	•

<sup>1</sup> Not mentioned in the standards.

<sup>2</sup> Contact WICKMANN for 58V rating; Series 163.

### Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		162		

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 FaxBack: +1 (404) 699-6176

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