

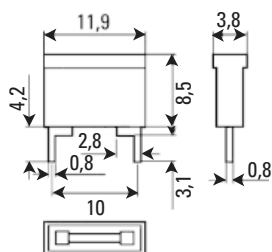
FP1 / No. 167



Manufactured by Pudenz



Dimensions (mm)



PC Board Type, 32V, F

Time-Current Characteristic

Quick Acting (F)

Standards

None

Approvals (pending)

cULus Recognized

Features

Designed for high current PCB applications

Visual fault indication

Reduced footprint

Low internal resistance

High temperature casing

WebLinks

Data Sheet

www.wickmann.com/products/167.pdf

Time-Current Curve

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Specifications

Packaging

100: Bulk (100 pcs.)

Materials

Body: Color-coded Thermoplastic, UL 94V0

Element: Wire, visible through cover

Cover: Transparent Thermoplastic

PCB Pins: E-Cu 58 F 30 DIN 1787, gal. Sn 4 µm min.

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%

Marking

Ⓟ, 32V, Current Rating, Date Code

Unit Weight

0.82g (approx.)

Further Details

Refer to www.pudenz.com

Limits for Pre-arcing Time

Rated Current	$1.1 \times I_{\text{Rated}}$	$1.35 \times I_{\text{Rated}}$	$2.0 \times I_{\text{Rated}}$	$3.5 \times I_{\text{Rated}}$	$6.0 \times I_{\text{Rated}}$
1.00A ... 30.00A	> 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 $1.0 \times I_{\text{Rated}}$ max. (mV)	Melting Integral $10 \times I_{\text{Rated}}$ (A²s)	Color Code	Approvals cULus
1.00A	1100	32V	1000A / 32VDC	110	0.86	black	P
2.00A	1200	32V		95	3.2	grey	P
3.00A	1300	32V		90	7.6	violet	P
4.00A	1400	32V		90	15	pink	P
5.00A	1500	32V		90	25	light brown	P
7.50A	1750	32V		85	49	brown	P
10.00A	2100	32V		75	84	red	P
15.00A	2150	32V		70	230	light blue	P
20.00A	2200	32V		70	480	yellow	P
25.00A	2250	32V		70	870	white	P
30.00A	2300	32V		65	1600	light green	P

P Pending

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		167		

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