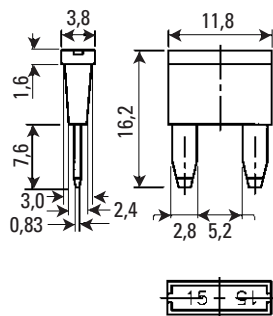


FK1 / No. 168



Manufactured by Pudenz 

Dimensions (mm)



ISO 8820, 32V, F

Time-Current Characteristic

Quick Acting (F)

Standards

DIN 72581/3F
ISO 8820

Approvals (pending)

cULus Recognized

Features

Easy plug-in design
Visual fault indication
Reduced footprint
Low internal resistance
High temperature casing

WebLinks

Data Sheet

www.wickmann.com/products/168.pdf

Time-Current Curve

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FaxBack Document # 401

Specifications

Packaging

100: Bulk (5000 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%

Marking

 , 32V, Current Rating, Date Code

Unit Weight

0.73g (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
1.00A	1100	32V		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	1000A / 32VDC	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
		168		

FK1 / No. 168

