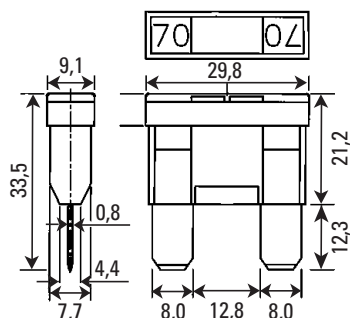


FK3 / No. 169 TOE / No. 165



Manufactured by Pudenz 

Dimensions (mm)



ISO 8820, 32V/58V, T

Time-Current Characteristic

Time Lag (T)

Standards

DIN 72581/3E
SAE J 1888
ISO 8820

Approvals (No. 165)

cULus Recognized: File No. E 211637

Features

Surge tolerant
Easy plug-in design
Visual fault indication
Low internal resistance
High temperature casing

WebLinks

Data Sheet

www.wickmann.com/products/169.pdf

Time-Current Curve

Page 78

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Specifications

Packaging

100: Bulk (600 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 or 58V, Current Rating, Date Code

Unit Weight

1.4g (approx.)

Further Details

Refer to www.pudenz.com

Limits for Pre-arcing Time

Rated Current	$1.0 \times I_{Rated}$	$1.35 \times I_{Rated}^1$	$2.0 \times I_{Rated}$	$3.5 \times I_{Rated}$	$6.0 \times I_{Rated}$
20.00A ... 100.00A	> 100h	60s ... 30 min	2s ... 60s	200ms ... 7s	40ms ... 1s



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

Rated Current No. 169	Amp Code	Voltage Rating	Breaking Capacity	Voltage Drop 1.0 x I _{Rated} max. (mV)	Melting Integral 10 x I _{Rated} (A²s)	Color Code	Approvals cURus
20.00A	2200	32V	1000A / 32VDC	90	2800	yellow	None
30.00A	2300	32V		85	6800	light green	
35.00A ²	2350	32V		100	8400	dark green	
40.00A	2400	32V		80	13000	orange	
50.00A	2500	32V		85	21000	red	
60.00A	2600	32V		87	32000	light blue	
70.00A ²	2700	32V		86	47000	brown	
80.00A ²	2800	32V		86	110000	white	
100.00A ²	3100	32V		86	140000	violet	
No. 165							
30.00A	2300	58V	1000A / 58VDC	85	6800	light green	•
40.00A	2400	58V		80	13000	orange	•
50.00A	2500	58V		85	21000	red	•
60.00A	2600	58V		87	32000	light blue	•
70.00A	2700	58V		86	47000	brown	•

¹ Applies to 20.00 - 80.00 ratings only.

² Not mentioned in the standards.

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging

FK3 / No. 169

TOE / No. 165

