

SF / No. 496/497

Telecom Type, 60V

Specifications



Approvals (pending)

UL Recognized

Features

Designed for telecom line protection
Reduced PCB space requirements
Low resistance and power dissipation
Self-resetting; no need for replacement after fault condition

WebLinks

Data Sheet

www.wickmann.com/products/496.pdf

FaxBack Document # 612

Packaging

600: Tape (Details on Request)
611: Bulk (500 pcs.)

Materials

Body: Yellow Epoxy Polymer, UL 94V0
Round Pins: Copper alloy, tin plated

Operating Temperature

-40°C to +85°C (consider de-rating)

Humidity Aging Test

85°C/85% RH/168 hrs.

Stock Conditions

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

Solderability

235°C, ≤ 3 sec.

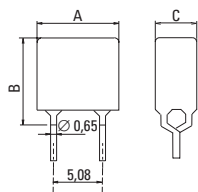
Marking

Logo, Part Code

Unit Weight (approx.)

0.3g

Dimensions (mm)



Type	A(max)	B(max)	C(max)
496-80mA	6	6	4.6
496-100mA	7	11	4.6
496-110mA	6.5	6.5	4.6
496-120mA	7	11	4.6
496-130mA	7	11	4.6
496-145mA	7	11	4.6
496-160mA	7.5	7.5	4.6
496-180mA	10.4	6.4	2.8
497-150mA	13.5	12.6	6.5
497-160mA	13.5	12.6	6.5



Preliminary Data

Permissible continuous operating current is ≤ 100% at ambient temperature of 25°C (77°F).

Rated Current I_C No. 496	Amp Code	Voltage Rating	Fault Current I_{Fault} max. (A)	Interrupt Voltage V_{Max} max. (V)	Resistance Initial R_i min. (Ω)	Resistance Initial R_i max. (Ω)	Approvals
80mA	0080	60V	3	250	OnRequest ¹	OnRequest ¹	P
100mA	0100	60V	3	250	10.00	16.00	P
110mA	0110	60V	3	250	OnRequest ¹	OnRequest ¹	P
120mA	0120	60V	3	250	6.00	12.00	P
130mA	0130	60V	3	250	4.00	10.00	P
145mA	0145	60V	3	250	3.00	8.00	P
160mA	0160	60V	3	250	OnRequest ¹	OnRequest ¹	P
180mA	0180	60V	10	250	OnRequest ¹	OnRequest ¹	P
No. 497							
150mA	0150	60V	3	600	OnRequest ¹	OnRequest ¹	P
160mA	0160	60V	3	600	OnRequest ¹	OnRequest ¹	P

I_C : Max. continuous current at which the fuse will not trip at 25° C ambient.

I_F : Max. fault current the fuse can withstand at 25° C ambient without being damaged.

V_{Max} : Max. voltage the fuse can withstand at rated current without being damaged.

R_i : Resistance at 25° C prior to tripping.

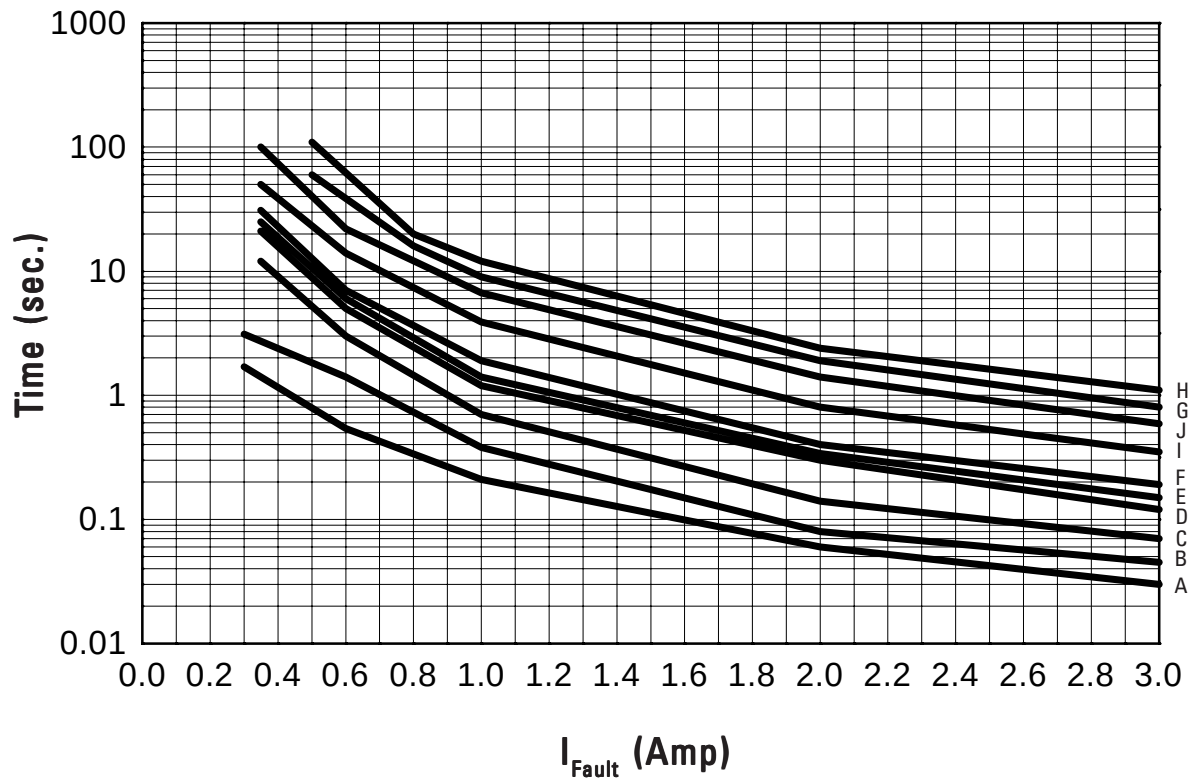
P: Pending

Note: Only for Telecom-Applications; not suitable for permanent operation at 250 V.

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging

SF / No. 496/497



Type	Curve	Type	Curve
496-80mA	A	496-145mA	F
496-100mA	B	496-160mA	G
496-110mA	C	496-180mA	H
496-120mA	D	497-150mA	I
496-130mA	E	497-160mA	J