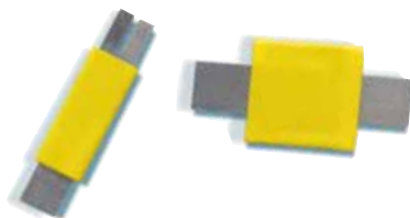


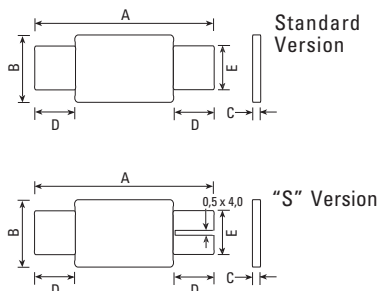
CWP / No. 498

Strap Type, 16V

Specifications



Dimensions (mm)



Approvals (pending)

UL Recognized

Features

Low voltage overcurrent protection
Low resistance and power dissipation
Designed for battery pack protection
Low profile form factor - per industry standard
Self-resetting; no need for replacement after fault condition

WebLinks

Data Sheet

www.wickmann.com/products/498.pdf

FaxBack Document # 610

Packaging

600: Bulk (500 pcs.), Standard Version
610: Bulk (500 pcs.), "S" Version

Materials

Body: Polyester tape
Terminals: Nickel

Operating Temperature

-40°C to +85°C (consider de-rating)

Humidity Aging Test

85°C/85% RH/7 days

Stock Conditions

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

Marking

Logo, Part Code

Unit Weight (approx.)

0.3g

Type	A (max)	B (max)	C (max)	D (max)	E (max)
498-1.20A	22.3	5.2	1.2	7.5	4.2
498-1.70A	17.6	7.6	1.0	5.5	4.2
498-2.10A	24.1	5.2	1.0	5.5	4.1



Preliminary Data

Permissible continuous operating current is ≤ 100% at ambient temperature of 20°C (68°F).

Rated Current I_C	Amp Code	Voltage Rating	Fault Current I_{Fault} max. (A)	Trip Current I_{Trip} (A)	Trip Time @ $5 \times I_C$ max. (s)	Power Dissipation P_V max. (W)	Resistance Initial R_i min. (Ω)	Resistance Initial R_i max. (Ω)	Approvals UR
1.20A	1120	15V	100	2.70	3.0	1.50	0.085	0.160	p
1.70A	1170	16V	100	3.40	3.0	1.80	0.030	0.052	p
2.10A	1210	16V	100		on request 1				

1: Refer to www.wickmann.com for latest revision.

I_C : Max. continuous current at which the fuse will not trip at 20° C ambient.

I_F : Max. fault current the fuse can withstand at 20° C ambient without being damaged; fuse may withstand higher currents at lower voltages - test accordingly.

I_{Trip} : Min. current at which the fuse will trip at 20° C ambient, max. fuse temperature in tripped state is 125° C.

P_V : Power dissipated by the fuse when tripped at 20° C ambient.

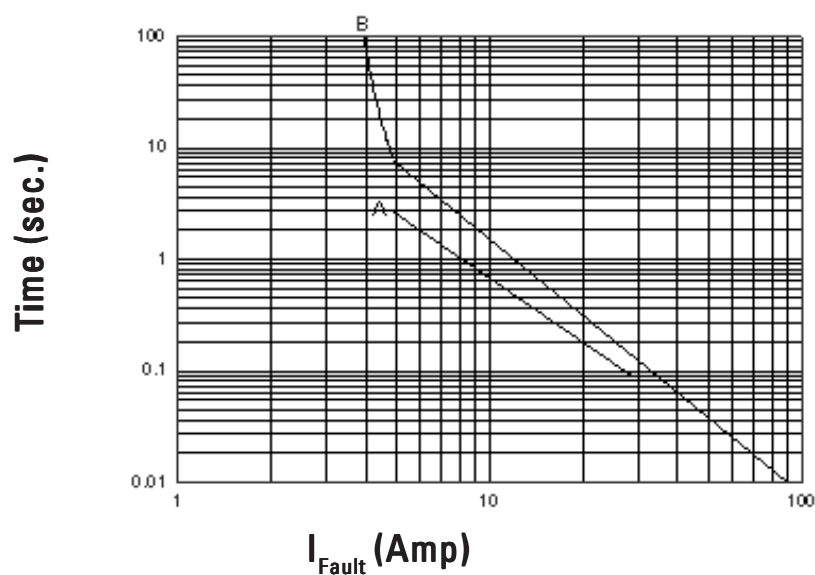
R_i : Min. and max. resistance at 20° C prior to tripping.

P: Pending

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		498		

CWP / No. 498



Type	Curve
498-1.20A	A
498-1.70A	B