

UL1412, Wirewound Resistors with Fusing Function

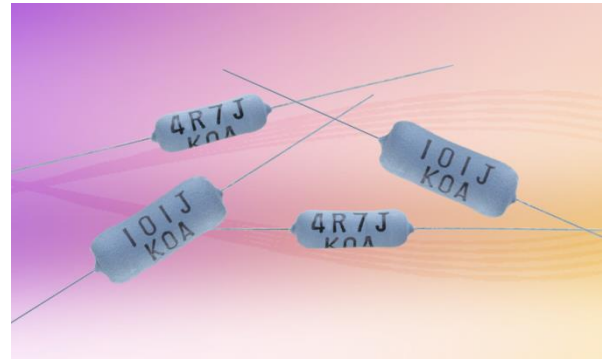


The new CFWS-series of fusible power wirewound resistors is now available from KOA.

In normal operation the CFWS series resistor acts as an inrush current control resistor but will safely fuse in specified power overload cases.

The CFWS series is available with 3W or 5W power ratings.

Both power ratings are approved to UL1412.



Features:

- Approved by UL1412 (File No.: E134679)
- Flame retardant coating (Equivalent to UL94-V-0)
- Fail safe mains fusing at AC 250 V (CWFS23: 4.7 Ω ~ 9.1 Ω: AC 200 V)
- T.C.R.: ± 100 ppm/K
- -55 °C to +200 °C temperature range
- EU-RoHS compliant

Application Examples:

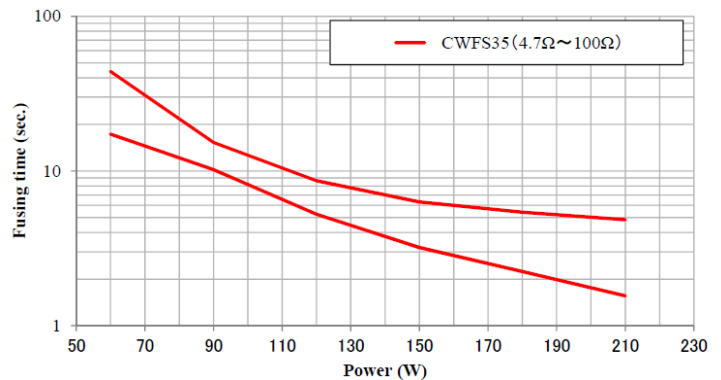
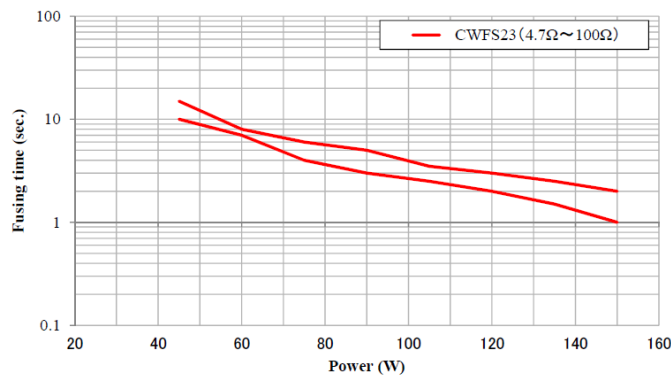
- Smart meters
- Pre charge resistors
- Inrush current control
- Power supplies
- LED drivers
- White goods

Ratings:

Type	Size (L x D) mm	Power Rating	Rated Terminal Part Temp.	Resistance Range	Fusing Characteristics		T.C.R. (-55/+125 °C)
				J: ±5% (E24)	Fusing Power	Fusing Time	
CWFS 23	12 x 4.0	3 W	+120 °C	4.7 Ω ~ 100 Ω	90 W	30s Max.	± 100 ppm/K
CWFS 35	15 x 6.0	5 W	+180 °C		150 W	30s Max.	

Operating Temperature Range: -55 °C ~ +200 °C

Fusing Characteristics (measured values):



For more information, please contact:

KOA Europe GmbH, Kaddenbusch 6, D-25578 Dägeling-Itzehoe, Germany

Phone: +49 (0)4821 89890, E-Mail: koa-europe@koaeurope.de, Internet: www.koaeurope.de