





UL1412 Recognised Resistors

Fusible resistors targeted at line input applications

Product	Rating	Recognised Value Range*	Description
WA8307	2W	100R only	Original UL wirewound part – equivalent to ULW2-100RJ
EMC2	2W	22R to 68R	 <p>Untrimmed flameproof film based on MFP2, suitable for small (<10W) PSU and battery chargers. https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/EMC.pdf</p>
ULW2	2W	1R0 to 100R	 <p>Flameproof wirewound resistors based on WP-S, suitable for larger PSU, white goods, industrial and lighting applications. Features the highest surge capability. https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/ULW.pdf</p>
ULW3	3W	1R0 to 100R	
ULW4	4W	1R0 to 100R	
ULW5	5W	1R0 to 100R	
SP20F	1W	1R0 to 470R	 <p>Fibre core moulded fusible wirewound resistors. Features the fastest fusing characteristics. https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/SP20-SP20F.pdf</p>
SPP1	1W	1R0 to 470R	 <p>Fibre core flameproof wirewound resistors suitable for building control and industrial applications. https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/SPP.pdf</p>
SPP2	2W	1R0 to 470R	

* Note that total value range may extend beyond what is recognised. Our recognitions are all now based on range rather than specific values, so new values may be offered immediately without the need for qualification by UL.

Further Information

Full current data on this portfolio:



<https://www.ttelectronics.com/products/categories/resistors/search-results/?pageNumber=1&Approval=UL1412>

UL file listing for these products:



<https://productiq.ulprospector.com/en/search?term=E234469>

General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.