

# WLRH Series

## Heliohm Wirewound



The WLRH is a tough, versatile resistor appropriate for the following applications: motor starting and speed control, neutral grounding, lighting ballasts, and A.C. compressor buffers. This resistor can also be used in heating applications. Choose from 45 models ranging from 0.25 to 250 Ohms to best fit your specific requirements.

Resistors feature nickel-copper, nickel-chrome or stainless steel wire wound in a double helix around the center core, depending on size and model. All have ceramic cores with a spiral groove to grip the coiled wire. The 90° flat bus style terminals are corrosion resistant stainless steel.

Other mounting options are available; contact us about your specific requirements.



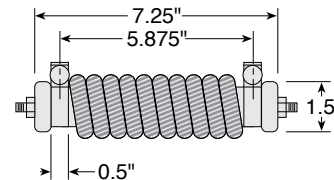
### OPTIONS

Inquires are welcome regarding special resistance values, frames, screened enclosures, heat shields and packages.

### CHARACTERISTICS

<b>Current Rating</b>	1.0 - 32.0 Amps continuous
<b>Wattage Rating</b>	Wattages can be calculated using I <sup>2</sup> R from the data in the standard resistance value table. These are maximums for continuous duty allowing a 375°C temperature rise.
<b>Working Voltage</b>	Standard is 600 volts maximum to ground
<b>Resistance Tolerance</b>	±10%
<b>Ohmic Values</b>	Ohmic values listed in the table are at 25°C ±10%
<b>Mounting</b>	Resistors can be mounted in various options

### DIMENSIONS



### ORDERING INFORMATION

#### Standard Resistance Values

Part Number	Ohms	Cont. Amp Rating	Part Number	Ohms	Cont. Amp Rating	Part Number	Ohms	Cont. Amp Rating	Part Number	Ohms	Cont. Amp Rating
WLRHR25E	0.25	32	WLRH2R5E	2.5	12	WLRH7R0E	7	7.3	WLRH27RE	27	3.6
WLRHR30E	0.3	31	WLRH3R2E	3.2	10.8	WLRH7R5E	7.5	7.2	WLRH36RE	36	3
WLRHR33E	0.33	30	WLRH3R5E	3.5	10.5	WLRH8R0E	8	7.1	WLRH45RE	45	2.5
WLRHR35E	0.35	29	WLRH4R0E	4	10	WLRH8R5E	8.5	7	WLRH62RE	62	2
WLRHR50E	0.5	27	WLRH4R6E	4.6	9.2	WLRH8R6E	8.6	6.8	WLRH80RE	80	1.8
WLRHR70E	0.7	22	WLRH4R8E	4.8	8.8	WLRH10RE	10	6.2	WLRH100E	100	1.6
WLRH1R0E	1	18	WLRH5R0E	5	8.5	WLRH11RE	11	6.1	WLRH125E	125	1.4
WLRH1R4E	1.4	15.5	WLRH5R5E	5.5	8	WLRH11R5E	11.5	5.9	WLRH150E	150	1.3
WLRH1R5E	1.5	15	WLRH5R8E	5.8	7.7	WLRH12RE	12	5.8	WLRH175E	175	1.2
WLRH1R9E	1.9	13.3	WLRH6R0E	6	7.6	WLRH15RE	15	5.3	WLRH200E	200	1.1
WLRH2R0E	2	13	WLRH6R5E	6.5	7.4	WLRH20RE	20	4.6	WLRH250E	250	1
WLRH2R2E	2.2	12.5									