

Siren Installation and Maintenance

Wiring

Siren motors are designed for peak output for short intervals under variable load conditions. For this reason, siren motors have different current characteristics from commercial motors of similar horsepower rating. Based on the starting and running currents, the wire and fuse sizes shown in the table at the right should be used to obtain capacity performance.

Testing

Your siren has been thoroughly tested before leaving the factory. It should be in first-class condition and ready to operate when wired to an adequate source of electric power in accordance with the wiring diagram furnished.

After installation is completed, check all wiring and connections before turning on the power. If possible, ask the local power company to check voltage delivered to the siren while it is being operated. Make sure there is no serious drop in the voltage during operation of the siren.

If you have done so, and encounter trouble, or if the instructions are not clear, communicate with Federal Signal, outlining the apparent difficulty.

Don't wait for an emergency to test your siren. Daily use of the siren as a noon and curfew signal is recommended for testing as well as for obtaining additional value from the equipment.

Properly cared for, your siren will provide long, dependable service.

Warranty

Note that all Federal sirens and other equipment described in this catalog are now covered by the exclusive Federal Warranty for **two full years** (details on page two). This longer-term warranty affirms Federal's confidence in the quality and dependability of its products.

Model Number	Voltage	Phase	Run Amps	Fuse Amp. Time Delay	Wire AWG
EOWS*C/B	120/240	1	5/2.5	*	12-14
EOWS*C/B4	120/240	1	5/2.5	*	12-14
EOWS*C/M12	12	DC	18	*	12-14
1000A	208-240	3	36	60	4
1000A	480	3	22	40	8
1000B	240	1	50	100	2
1003A	208-240	3	39	70	4
1003A	480	3	25	45	6
1003B	240	1	53	100	2
RSH10A	208-240/480	3	34/17	60/30	4/10
RSH10B	240	1	56	100	2
3T22A/2T22A	208-240	3	22/24	45	6
3T22A/2T22A	480	3	11/12	30	10
3T22B/2T22B	240	1	54/54	100	2
STH10A	208-240	3	34	60	4
STH10A	480	3	17	30	10
STH10B	240	1	56	100	2
STL10A	208-240	3	38	70	4
STL10A	480	3	19	35	8
STL10B	240	1	56	100	2
5A	208-240	3	30	60	4
5A	480	3	15	30	10
5B	240	1	56	100	2
2	120	1	24	45	6
2	240	1	12	25	12
SD10A	240	3	28	50	6
SD10A	480	3	14	30	10
SD10B	240	1	56	100	2

NOTE: Always wire in accordance with NEC or local codes. *Not applicable.