

NEW ENCAPSULATED AC LINE REACTORS

Acme's Encapsulated AC Line Reactors are designed to protect DC motor drives and AC variable frequency drives or motors — with one more difference.

Acme's Encapsulated AC Line Reactors are designed to protect DC motor drives and AC variable frequency drives or motors— with one important difference. These line reactors are completely enclosed, so the unit can be mounted outside the control panel.

Ideal for applications such as process lines, paper machines, casters, tube mills, tire assembly, laminators, press controls and drive systems. Acme's Encapsulated AC Line Reactors immerse the core and coil assembly in an electrical grade silica and resin compound that seals out moisture and potential corrosives. These Line Reactors are housed in a NEMA 3R Enclosure suitable for indoor or outdoor applications. What's more, these encapsulated line reactors are extremely convenient to install. They can be floor or wall mounted and front access makes wiring easy.

Features

- UL Type 3R enclosure.
- Available with stainless steel enclosure.
- Versatile mounting options to meet special application requirements.
- Large wiring compartment remains cool.
- No conduit or pull boxes needed.
- Front access to compartment simplifies wiring.
- Flexible copper leadwire terminates outside wiring compartment for quick connections.
- Dual-size knockouts in both sides and bottom of compartment for added flexibility in wiring.
- Ground studs for use with non-metallic conduit.
- UL and cUL Listed, CE Marked.
- Backed by Acme's 10-year limited warranty

Benefits

- Completely enclosed design provides protection against corrosion and insulation deterioration in washdown and harsh environment.
- Easy to install and wire.
- Protects against a whole range of power conditioning problems.
- Eliminates motor failure due to poor power quality.
- Reduces downtime.
- Extends the life of your equipment.



480 VOLTS, 3% Z, 60 Hz (600 VOLTS, 2.4% Z; 240 VOLTS, 6% Z)

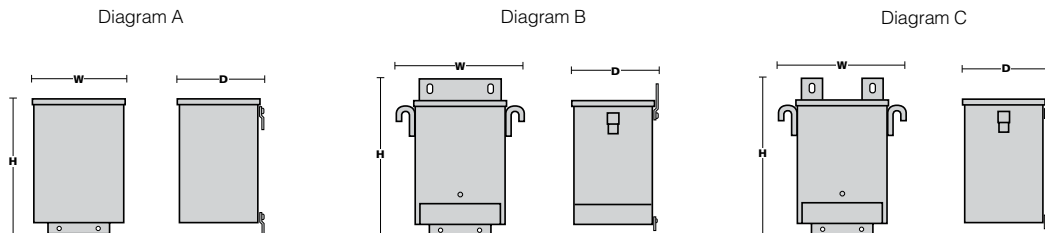
Catalog Number	Motor*				Dimensions			Mounting Dimensions	
	Hp	Amp	Reactor Amp	uH	Height (Inches)(Cm.)	Width (Inches)(Cm.)	Depth (Inches)(Cm.)	Dimensional Drawings	Weight (Lbs.)(Kg.)
ALRB002LWE	1	2.1	2	11027	9.68 (24.6)	4.75 (12.1)	4.5 (11.4)	A	10 (4.5)
ALRB003LWE	1.5	3	3	7351	9.68 (24.6)	4.75 (12.1)	4.5 (11.4)	A	10 (4.5)
ALRB004LWE	2	3.4	4	5513	9.68 (24.6)	4.75 (12.1)	4.5 (11.4)	A	10 (4.5)
ALRB006LWE	3	4.8	6	3676	9.68 (24.6)	4.75 (12.1)	4.5 (11.4)	A	10 (4.5)
ALRB008LWE	5	7.6	8	2757	11.5 (29.2)	10.31 (26.2)	7.13 (18.1)	B	24 (10.9)
ALRB012LWE	7.5	11	12	1838	11.5 (29.2)	10.31 (26.2)	7.13 (18.1)	B	24 (10.9)
ALRB016LWE	10	14	16	1378	11.5 (29.2)	10.31 (26.2)	7.13 (18.1)	B	25 (11.3)
ALRB025LWE	15	21	25	882	11.5 (29.2)	10.31 (26.2)	7.13 (18.1)	B	28 (12.7)
ALRB027LWE	20	27	27	817	11.5 (29.2)	10.31 (26.2)	7.13 (18.1)	B	28 (12.7)
ALRB035LWE	25	34	35	630	11.5 (29.2)	10.31 (26.2)	7.13 (18.1)	B	32 (14.5)
ALRB045LWE	30	40	45	490	11.5 (29.2)	10.31 (26.2)	7.13 (18.1)	B	33 (15.0)
ALRB055LWE	40	52	55	401	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	C	73 (33.1)
ALRB080LWE	60	77	80	276	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	C	75 (34.0)
ALRB110LWE	75	96	110	200	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	C	78 (35.4)
ALRB130LWE	100	124	130	170	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	C	85 (38.6)
ALRB160LWE	125	156	160	138	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	C	87 (39.5)

* Motor HP and Amp rated at 480 volts.

480 VOLTS, 5% Z, 60 Hz (600 VOLTS, 4% Z; 240 VOLTS, 10% Z)

Catalog Number	Motor*				Dimensions			Mounting Dimensions	
	Hp	Amp	Reactor Amp	uH	Height (Inches)(Cm.)	Width (Inches)(Cm.)	Depth (Inches)(Cm.)	Dimensional Drawings	Weight (Lbs.)(Kg.)
ALRC002LWE	1	2	2	18378	9.68 (24.6)	4.75 (12.1)	4.5 (11.4)	A	10 (4.5)
ALRC003LWE	1.5	3	3	12252	9.68 (24.6)	4.75 (12.1)	4.5 (11.4)	A	10 (4.5)
ALRC004LWE	2	4	4	9189	9.68 (24.6)	4.75 (12.1)	4.5 (11.4)	A	10 (4.5)
ALRC006LWE	3	6	6	6126	11.5 (29.2)	10.31 (26.2)	7.13 (18.1)	B	24 (10.9)
ALRC008LWE	5	8	8	4594	11.5 (29.2)	10.31 (26.2)	7.13 (18.1)	B	24 (10.9)
ALRC012LWE	7.5	12	12	3063	11.5 (29.2)	10.31 (26.2)	7.13 (18.1)	B	26 (11.8)
ALRC016LWE	10	16	16	2297	11.5 (29.2)	10.31 (26.2)	7.13 (18.1)	B	28 (12.7)
ALRC025LWE	15	25	25	1470	11.5 (29.2)	10.31 (26.2)	7.13 (18.1)	B	32 (14.5)
ALRC027LWE	20	27	27	1361	11.5 (29.2)	10.31 (26.2)	7.13 (18.1)	B	32 (14.5)
ALRC035LWE	25	35	35	1050	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	C	74 (33.6)
ALRC045LWE	30	45	45	817	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	C	75 (34.0)
ALRC055LWE	40	55	55	668	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	C	75 (34.0)
ALRC080LWE	60	80	80	459	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	C	85 (38.6)
ALRC110LWE	75	110	110	334	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	C	107 (48.5)
ALRC130LWE	100	130	130	263	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	C	107 (48.5)
ALRC160LWE	125	160	160	230	11.83 (30.0)	14.17 (36.0)	8.82 (22.4)	C	121 (54.9)

* Motor HP and Amp rated at 480 volts.



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