

AC Accessories Dynamic Braking Resistors

The Dynamic Braking Resistor kits were designed for stopping a motor at full load current from base speed with 6 times motor energy, four stops per hour (NEMA ICS 3-301.62 Dynamic Braking Stop Option).

AC inverters and flux vector controllers use dynamic braking resistors to dissipate excess energy from the DC bus caused by fast stopping or high supply voltages. This can be required even when the drive is stopped so the resistors operate, more-or-less, continuously.

The drive must be ordered with a braking module installed to use dynamic braking resistors.

These reactors are intended for use with the 690+ Series three-phase controllers. They may be used when voltage transformation or supply isolation is not required. Consult factory for resistors for older products.

COMPACT DESIGN

ROOF/PANEL MOUNTING

HORSEPOWER RATINGS FOR SIMPLIFIED SELECTION

INTEGRAL COVERS TO PREVENT INCIDENTAL CONTACT
WITH LIVE RESISTORS

230 VAC Dynamic Braking Kit w/Cover

Hp C.T.	Hp V.T.	Ohms	Amps	Catalog No.
1	1	45	2.5	CZ470637
1.5	2	45	2.5	CZ470637
2	3	45	2.5	CZ470637
3	5	45	2.5	CZ470637
5	7.5	27	3.6	CZ353192
7.5	10	15	5.3	CZ353193
15	15, 20	10	8.5	CZ353195
20	-	7.5	12	CZ353196
25	25	6	15	CZ353197
30	30, 40	5	18	CZ353198
40	50	3.5	27	CZ353199
50	60	2.4	30	CZ353200

460 VAC Dynamic Braking Resistor Kit w/Cover

Hp C.T.	Hp V.T.	Ohms	Amps	Catalog No.
1	1	100	1	CZ389853
2	2	100	1	CZ389853
3	3	100	1	CZ389853
5	7.5	100	1.6	CZ353179
7.5	10	100	1.6	CZ353179
10	15	54	3.6	CZ353181
15	20	54	3.6	CZ353181
20	25	30	5.3	CZ353182
25	30	30	5.3	CZ353182
30	40	30	5.3	CZ353182
40	50	26	7	CZ353183
50	60	18.4	9.2	CZ353185
60	75	12	13	CZ353186
75	100	9	18	CZ353188
100	125	7	22	CZ353189
125	150	5.5	27	CZ353190
150	-	5.5	27	CZ353190
175	200	3.22	41	CZ470036
200	250	2.6	46	CZ470037
250	300	2.2	50	CZ470038
300	350	2.2	50	CZ470038
350	400	1.67	57	CZ470039
400	450	1.37	63	CZ470040
450	500	1.37	63	CZ470040
500	550	1.12	70	CZ470041

COMPACT DESIGN

UL RECOGNISED AND CSA CERTIFIED

RATINGS FOR 230 AND 480 VAC SUPPLIES

ALL UNITS PROVIDE COMPRESSION TERMINALS

AC Accessories Three-Phase Line Reactors

These reactors are intended for use with the 690+ Series three-phase controllers. They may be used when voltage transformation or supply isolation is not required. Line reactors limit total radiated RF interference.

ACCESSORIES

230 VAC Reactors

Hp	Amp	Description	Catalog No.
1	4	Reactor 3-phase 3.00 mh	C0470653
1.5	8	Reactor 3-phase 1.50 mh	C0353011
2	8	Reactor 3-phase 1.50 mh	C0353011
3	12	Reactor 3-phase 1.25 mh	C0470638
5	18	Reactor 3-phase 0.80 mh	C0353012
7.5	25	Reactor 3-phase 0.50 mh	C0353013
10	35	Reactor 3-phase 0.40 mh	C0353014
15	45	Reactor 3-phase 0.30 mh	C0353015
20	55	Reactor 3-phase 0.25 mh	C0353016
25	80	Reactor 3-phase 0.20 mh	C0353017
30	80	Reactor 3-phase 0.20 mh	C0353017
40	100	Reactor 3-phase 0.15 mh	C0470654
50	130	Reactor 3-phase 0.10 mh	C0353018
60	160	Reactor 3-phase 0.075 mh	C0470058

460 VAC Reactors

Hp	Amp	Description	Catalog No.
1	2	Reactor 3-phase 12 mh	C0470650
2	4	Reactor 3-phase 6.50 mh	C0470651
3	8	Reactor 3-phase 5.00 mh	C0352782
5	8	Reactor 3-phase 3.00 mh	C0470652
7.5	12	Reactor 3-phase 2.50 mh	C0352783
10	18	Reactor 3-phase 1.50 mh	C0352785
15	25	Reactor 3-phase 1.20 mh	C0352786
20	35	Reactor 3-phase 0.80 mh	C0352901
25	35	Reactor 3-phase 0.80 mh	C0352901
30	45	Reactor 3-phase 0.70 mh	C0352902
40	55	Reactor 3-phase 0.50 mh	C0352903
50	80	Reactor 3-phase 0.40 mh	C0352904
60	80	Reactor 3-phase 0.40 mh	C0352904
75	100	Reactor 3-phase 0.30 mh	C0352905
100	130	Reactor 3-phase 0.20 mh	C0352906
125	160	Reactor 3-phase 0.15 mh	C0470057
150	200	Reactor 3-phase 0.11 mh	C0470045
200	250	Reactor 3-phase 0.09 mh	C0470046
250	320	Reactor 3-phase 0.075 mh	C0470047
300	400	Reactor 3-phase 0.06 mh	C0470048
350	500	Reactor 3-phase 0.05 mh	C0470049
400	500	Reactor 3-phase 0.05 mh	C0470049
500	600	Reactor 3-phase 0.04 mh	C0470050

Dimensions

Catalog Number	Height	Width	Depth	Weight
C0353010	3.1(79)	6(152)	4.8(122)	8(3.2)
C0353011	3.1(79)	6(152)	4.8(122)	7(3.1)
C0353012	3.1(79)	6(152)	4.8(122)	9(4.0)
C0353013	3.4(86)	7.2(183)	5.6(142)	11(5.0)
C0353014	3.8(97)	7.2(183)	5.6(142)	14(6.3)
C0353015	4.8(122)	9.0(229)	7.0(178)	23(10)
C0353016	4.0(102)	9.0(229)	7.0(178)	24(11)
C0353017	5.6(142)	10.8(274)	8.2(208)	43(19)
C0353018	4.8(122)	9.0(229)	7.0(178)	30(14)
C0470650	2.8(71)	4.4(112)	4.0(102)	4(1.9)
C0470651	2.9(72)	4.4(112)	4.0(102)	4(1.9)
C0470652	3.1(79)	6.0(152)	4.8(122)	7(3.2)
C0470653	2.9(72)	4.4(112)	4.0(102)	4(1.9)
C0470654	5.6(142)	10.8(274)	8.2(208)	47(21)
C0353007	3.6(92)	4.4(112)	4.0(102)	6(2.7)
C0353009	3.4(86)	6.0(152)	3.4(86)	13(5.9)
C0352782	3.4(86)	6.0(152)	3.4(86)	5.0(11)
C0352783	3.1(79)	6.0(152)	4.8(122)	10(4.5)
C0352785	3.4(86)	6.0(152)	4.8(122)	12(5.4)
C0352786	3.4(86)	7.2(183)	5.6(142)	14(6.3)
C0352901	3.8(97)	7.2(183)	5.7(145)	16(7.3)
C0352902	4.8(122)	9.0(229)	7.0(178)	28(13)
C0352903	4.8(122)	9.0(229)	7.0(178)	27(12)
C0352904	5.6(142)	10.8(274)	8.3(211)	51(23)
C0352905	5.8(147)	10.8(274)	8.2(208)	51(23)
C0352906	5.8(147)	10.8(274)	8.4(213)	58(26)
C0470057	5.6(142)	10.8(274)	8.4(213)	22(50)
C0470045	6.3(160)	10.8(274)	8.4(213)	31(67)
C0470046	6.7(170)	14.4(366)	11.2(284)	45(106)
C0470047	6.7(170)	14.4(366)	11.2(284)	57(125)
C0470048	7.3(185)	14.4(366)	11.2(284)	71(155)
C0470049	7.8(198)	14.4(366)	11.3(287)	82(180)
C0470050	8.3(211)	14.4(366)	11.3(287)	96(210)

All dimensions are in inches (mm) and weights are in Lb.(Kg).

