Fusing Equipment
Technical Data
TD132011EN

Effective September 2017
Supersedes October 2002 (R240-30-6)

COOPER POWER SERIES

Recommended D-link primary fusing for distribution transformers

Delta-connected primary

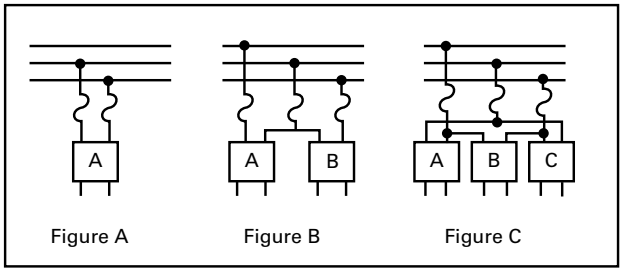

Figure A Figure B Figure C

Wye-connected primary

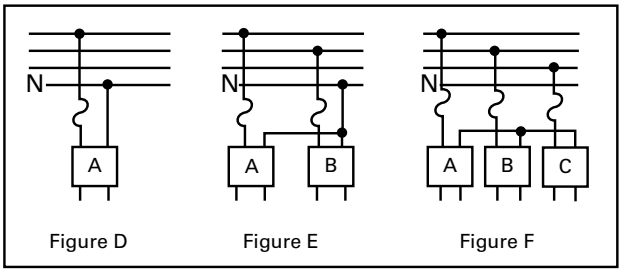

Figure D Figure E Figure F

Powering Business Worldwide

Recommended D-link primary fusing for distribution transformers

Delta-connected primary

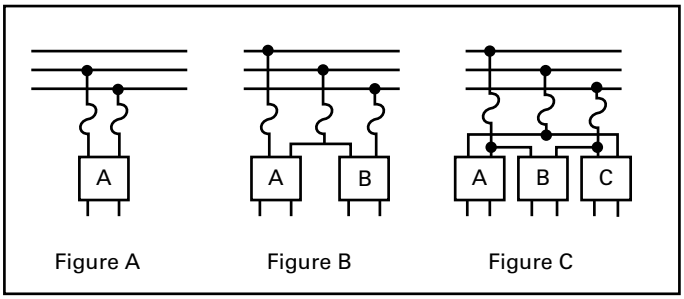

Figure A Figure B Figure C

Wye-connected primary

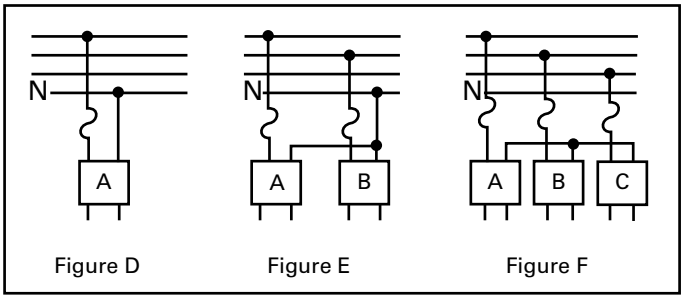

Figure D Figure E Figure F

Transformer size (kVA)	2400 Δ				2400/4160Y		4800 Δ				4800/8320Y	
	Figures A and B		Figure C		Figures D, E and F		Figures A and B		Figure E		Figures D, E and F	
	Rated amps	Link rating	Rated amps	Link rating	Rated amps	Link rating	Rated amps	Link rating	Rated amps	Link rating	Rated amps	Link rating
5	2.08	4	3.61	5	2.08	4	1.04	1.5	1.80	3	1.04	1.5
10	4.17	7	7.22	10	4.17	7	2.08	4	3.61	5	2.08	4
15	6.25	10	10.80	15	6.25	10	3.12	5	5.42	7	3.12	5
25	10.42	15	18.05	–	10.42	15	5.21	7	9.01	15	5.21	7
37.5	15.63	20	27.05	–	15.63	20	7.81	10	13.50	20	7.84	10
50	20.80	–	36.10	–	20.80	–	10.42	15	18.05	–	10.42	15
75	31.25	–	54.20	–	31.25	–	15.63	20	27.05	–	15.63	20

Transformer size (kVA)	7200 Δ				7200/12470Y		7620/13200 Δ				12000 Δ	
	Figures A and B		Figure C		Figures D, E and F		Figures D, E and F		Figures A and B		Figure C	
	Rated amps	Link rating	Rated amps	Link rating	Rated amps	Link rating	Rated amps	Link rating	Rated amps	Link rating	Rated amps	Link rating
5	0.69	1*	1.20	1.5	0.69	1*	0.66	1*	0.42	–	0.72	1
10	1.39	2	2.40	4	1.39	2	1.31	2	0.83	1	1.44	3
15	2.08	4	3.61	5	2.08	4	1.97	4	1.25	2	2.16	4
25	2.47	5	5.94	10	3.47	5	3.28	5	2.08	4	3.61	5
37.5	5.21	7	9.01	15	5.21	7	4.92	7	3.12	5	5.42	7
50	6.94	10	12.01	20	6.94	10	6.56	10	4.17	7	7.22	10
75	10.42	15	18.05	–	10.42	15	9.84	15	6.25	10	10.80	15
100	13.89	20	24.00	–	13.89	20	13.12	20	8.33	15	14.44	20

Note: Table shows recommended fuse ratings based on the use of Cooper Power Systems D-Link time current characteristics defined in R240-91-16, January, 1995.

Recommendations provide overload protection (fusing ratio) between 200% and 300% rated load.

$$\text{Fusing Ratio} = \frac{\text{Fuse Min. Melt Current @ 300 sec}}{\text{Transformer Full Load Current}} \times 100$$

* Since this is the smallest link available and does not protect for 300% load, secondary protection is desirable.

These instructions do not claim to cover all details or variations in the equipment, procedure, or process described, nor to provide directions for meeting every contingency during installation, operation, or maintenance. When additional information is desired to satisfy a problem not covered sufficiently for the user's purpose, contact your Eaton representative.

Transformer size (kVA)	13200 Δ				14400 Δ		14400/24940Y				19920/34500Y	
	Figures A and B		Figure C		Figures A and B		Figure C		Figures D, E and F		Figures D, E and F	
	Rated amps	Link rating	Rated amps	Link rating	Rated amps	Link rating	Rated amps	Link rating	Rated amps	Link rating	Rated amps	Link rating
5	0.38	–	0.66	1*	0.35	–	0.59	–	0.37	1*	–	–
10	0.76	1*	1.31	1.5	0.69	1*	1.20	1.5	0.69	1*	0.50	–
15	1.14	1.5	1.97	4	1.04	1.5	1.80	3	1.04	1	0.75	1
25	1.89	3	3.28	5	1.74	3	3.01	5	1.74	3	1.25	2
37.5	2.84	5	4.92	7	2.61	4	4.52	7	2.61	4	1.87	3
50	3.79	5	6.56	10	3.47	5	5.94	10	3.47	5	2.50	4
75	5.68	7	9.84	15	5.21	7	9.01	15	5.21	7	3.75	5
100	7.57	10	13.12	20	6.94	10	12.01	20	6.94	10	5.00	7
167	12.62	20	21.80	–	11.60	15	20.10	–	11.60	15	8.35	10

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