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Protectors, Supplementary - Component

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E-T-A CIRCUIT BREAKERS

E67320

1551 BISHOP CT
MT PROSPECT, IL 60056 USA

Cat. No.	Type	UG	FW	Max V	Max Amps	TC	OL	SC	Operations
41-04 or 104	OC	A,C	0	250AC	0.05-10	2	0	2KA,C,1	Trip-Free
41-05 or 105,				48DC	0.05-10	2	0	0.2KA,C,1	
41-06 or 106									
44-100 or 2-4100,	OC	A,C	0	250AC	0.05-4.5	2	0	0.2KA,C,1	Trip-Free
44-700 or 2-4700				250AC	5.0	2	0	1KA,C,1	
45-000 or 2-5000	OC	A,C	0	250AC	0.05-4.5	2	1	0.2KA,C,1	Trip-Free
45-700 or 2-5700(G)	OC	A,C	0	250AC	5-8	2	1	1KA,C,1	
				250AC	8.5-16	2	1	2KA,C,1	
46-200 or 2-6200,	OC	A,C	0	250AC	0.05-4.5	2	0	0.2KA,C,1	
46-400 or 2-6400				250AC	5-8	2	0	1KA,C,1	Trip-Free
				250AC	8.5-16	2	0	2KA,C,1	
41-27 or 127, 41-29 or 129, 41-57 or 157, 41-58 or 158, 45-000 or 2-5000, 45-200 or 2-5200, 45-700 or 2-5700,	OC	A,C	0	250AC	0.05-20	2	0	2KA,C,2	Trip-Free
	OC	A,C	0	120AC	0.05-20	2	1	2KA,C,2	
	OC	A,C	0	50DC	0.05-25	2	0	2.5KA,C,2	
	OC	A,C	0	50DC	0.05-5	2	0	2.5KA,U,1	
4120	OC	A,C,	0	50DC	0.5-25	2	0	6KA,U,1	Trip-Free
3120,	OC	B,D,	0	250AC	0.1-20	1	0	5KA,C,1	Trip-Free
-X3120-M2,		E,A		250AC	0.1-16	1	1	5KA,C,1	
-X3120-S,				250AC	21-30 (b)	1	0	5KA,C,1	
-X3120-N,				125AC	11-16 (a)	1	1	1KA,C,1	
-X3120-U				250 AC	0.1-10 (a)	1	1	2KA,C,1	
				50DC	0.1-20	1	0	1KA,C,1	
				250AC	0.1-16A(a)	1	0	0.15KA,U,2	
				250AC	0.1-16A(a) (c)	1	0	0.25KA,U,2	

250AC	2.5-20A	1	0	0.15KA,U,2
250AC	2.5-20A(c)	1	0	0.25KA,U,2
250AC	0.1-2A	1	0	10In,U,2
50DC	0.1-16A(a)	1	0	0.15KA,U,2
50DC	0.1-16A(a)(c)	1	0	0.25KA,U,2
50DC	2.5-20A	1	0	0.15KA,U,2
50DC	2.5-20A(c)	1	0	0.25KA,U,2
50DC	0.1-2A	1	0	10In,U,2

Note: (a)-With use of -X3120-M1, magnetic release module.

Note: (b)-Two single poles connect in parallel.

Note: (c)-Two-phase.

2210	OC	A,B,C,D	3	277AC	0.1-16	2	0	5KA,C,1	Trip-Free
				277AC	18-32(c)	2	0	3.5KA,C,1	
				277/480AC	0.1-16(c)	2	0	5KA,C,1	
				277AC	6-32	2	0	0.8KA,U,2	
				277/480AC	0.1-5	2	0	0.4KA,U,2	
				277/480AC	6-32	2	0	0.5KA,U,2	
				65DC	0.1-32	2	0	2KA,U,1	
				65DC	0.1-5	2	0	0.4KA,U2	
				65DC	6-32	2	0	0.8KA,U2	

Note: (c)-Single and Multi-pole devices.

8340-F	OC	B,D	0	250AC	0.02-30(d)	2	0	3.5KA,U,1	Trip-Free
				250AC	0.02-30(e)	2	0	5KA,U,1	
				80DC	0.02-50(k)	2	0	3.5KA,U,1	
				80DC	60-100(l)	2	0	3.5KA,U,1	
8340-T	OC	B,D	0	250AC	0.02-30(d)	2	0	3.5KA,U,1	Trip-Free
				250AC	0.02-30(e)	2	0	5KA,U,1	
				80DC	0.02-50(k)	2	0	3.5KA,U,1	
				80DC	60-100(l)	2	0	3.5KA,U,1	
8340-G1 and G2	OC	B,D	0	250AC	0.02-30	2	0	3.5KA,U,1	Trip-Free
				80DC	0.02-30	2	0	2KA,U,2	
				80DC	0.02-50(k)	2	0	3.5KA,U,1	
				80DC	60-100(l)	2	0	3.5KA,U,1	

Note: (d)-Single Phase.									
Note: (e)-Two and three Phase.									
Note: (k)-50 Amp device subjected to 3000 endurance operations - isolation switch rating only.									
Note: (l)-100 Amp device 2 poles connected in parallel were subjected to 3000 endurance operations - isolation switch rating only.									
1110	OC	B,D	0	250AC	0.05-6.5	2	0	1KA,C,1	Trip-Free
				125AC	7-16 (q)	2	0	1KA,U,1	
				50DC	0.05-16	2	0	1KA,C,1	
Note: (q)- Manual operation only									
1410-LG	OC	B,D	0	250AC	0.63-10	2	0	2KA,C,1	Trip-Free
				50DC	0.63-10	2	0	0.2KA,C,1	
1410-F	OC	B,D	0	50DC	5.5-8	2	0	0.2KA,C,1	Trip-Free
				60DC	0.63-5	2	0	0.2KA,U,1	
				250AC	0.63-10	2	0	2KA,C,1	
Note: (p) - X2 end terminal is similar to P2 except employing an attached lead/wire.									
2215	OC	B,D	0	250AC	0.05 (o)	2	0	0.2KA,C,1	Trip-Free
				250AC	0.1-6.5 (o)	2	0	1KA,C,1	
				250AC	7-10 (o)	2	0	2KA,C,1	
				75DC	0.05-12.5	2	0	1.0.KA,U,1	
				75DC	20	2	0	0.8.KA,U,1	
Note: (o)-Single and Multi-pole devices									
1140	OC	B	0	250AC	0.05-16	2	0	2KA,C,1	Trip-Free
				50DC	0.05-16	2	0	2KA,U,1	
808	OC	B,D	0	120AC	0.006-8	2	0	2KA,U1	Trip-Free, Cycling
	OC	B,D	0	60DC	0.006-8	2	0	1.0KA,U1	
3130	OC	B,D	0	250AC	0.1-16 (f)	2	0	3.5KA,C,1	Trip-Free
				250AC	0.1-12 (g)	2	0	5KA,C,1	
				50DC	0.1-16 (h)	2	0	2KA,C,1	
Note: (f)-Single and two phase.									
Note: (g)-Three phase.									
Note: (h)-Single, two and three phase.									
41-2, 412(G)	OC	B,D	0	28DC	0.1-35	2	0	6KA,U,2	Trip-Free
41-3, 413(G)	OC	B,D	0	28DC	30-90	2	0	6KA,U,1	Trip-Free
41-3, 413(G)	OC	B,D	0	28DC	30-90	2	0	2KA,U,2	Trip-Free
483(G)	OC	B,D	0	250AC	1-25	2	0	1KA,C,1	Trip-Free
	OC	B,D	0	75DC	1-35	2	0	3.5KA,C,1	
45-2 or 452(G)	OC	A,C	3	28DC	50-125	2	0	6KA,U,2	Trip-Free

				72DC	50-125	2	0	0.9KA,U,2	
Note: (G)-Reset button seal for Nema Type 4X rating. Cat. Nos. X20080104 thru -08 and X20080110 thru -12 indicates 0.5 mm seal with different hex nuts. Cat. No. X20080113 indicates 0.7 mm seal with different hex nuts.									
43-300 or 3300, 43-400 or 3400, 43-500 or 3500, 43-600 or 3600, 42-01 or 201, with or without "xxx", followed by -L, -P, -K or -S, followed by 10 through 99, with or without -A3, with or without -ZR, with or without -Si "yyy", with or without "zzz", followed by ampere rating 0.05 through 25.0 A, with "xxx" and "yyy" replaced by one to three suffix numbers and/or letters and "zzz" replaced by one to six suffix numbers.	OC	A,C	0	250AC	0.05-16	2	0	1KA, U, 1	Trip-Free
				80DC	0.05-16	2	0	1KA, U, 1	
				65DC	0.05-25	2	0	1KA, U, 1	
1658	OC	A,C	0	125AC	5-25	1	1	2KA,C,1	Trip-Free, Cycling
				120AC	18-30	1	0	2KA,C,1	
				250AC	5-15	1	1	2KA,C,1	
				240AC	5-15	1	0	2KA,C,1	
				28DC	5-30	1	0	2KA,C,1	
				125 AC	5-30	1	1	1KA,C,2	
				125 AC	5-30	1	1	500A,U,1	
				32 DC	5-30	1	0	2.5KA, C, 2	
				12 DC	5-30	1	0	2.5KA, U, 2	
44-6 or 446	OC	A	0	28DC	30-400	2	0	10KA,U,2	Trip-Free
44-7 or 447	OC	A	0	28DC	80-400	2	0	10KA,U,2	Trip-Free
44-9 or 449	OC	A	0	28DC	100-350	2	0	10KA,U,2	Trip-Free
1180	OC	D	0	250AC	0.1-10A	2	0	2.0KA,C,1	Trip-Free
				72DC	0.1-10A	2	0	2.0KA,C,1	
4130	OC	A	0	240AC	20-80	2	0	1.0KA,C,1	Trip-Free
				120AC	20-60	2	0	3.5KA,C,1	
				120AC	80	2	0	2.0KA,C,1	
				50DC	20-50	2	0	3.5KA,C,1	
				50DC	60-80	2	0	2.0KA,C,1	
482	OC	AC	0	72DC	0.1-50	2	0	5KA,U,1	Trip-Free
520	OC	AC	0	277AC	7-125	2	0	5KA,U,1	Trip-Free
ESS20	OC	AC	0	28DC	0.5-10	0	0	5kA, U, 2	Trip-Free
8335	OC	A, C	0	80DC	30	***	0	3 kA, U, 1a	Trip-Free
				80DC	50	***	0	1.5 kA, U, 1a	
				32DC	50	***	0	5 kA, U, 3	
				65DC	50	***	0	3kA, U, 1a	
				250AC, 3Ø	30	***	0	5kA, U, 1a	
				250AC, 3Ø	50	***	0	1 kA, U3	
				250AC	30	***	0	5kA, C, 1a	
				250AC	50	***	0	1 kA, U1a	

				250AC	30	***	0	3kA, U, 1a	
				125/250AC	30	***	0	3kA, U, 1a	
				125/250AC	50	***	0	2 kA, U3	
X-8345-S, X-8345-R, X-8345-F	OC	A,C	0	80DC	0.02-125	*	0	10kA, U, 2	Trip-Free
	OC	A,C	0	80Vdc	0.02-50	*	1	10 kA, U, 2	
	OC	A,C	0	277/480 Vdc	0.02-70(m)(n)	*	0	5kA,C,1	
	OC	A,C	0	480 Vac	0.02-70 (m)(n)	*	0	5kA, C, 1	
	OC	A,C	0	277 Vac	0.02-50	*	1	5kA, C, 1	
3131	OC	A,C	0	250 Vac	0.1-20	2	0	3.0 kA, U 1	Trip-Free
	OC	A,C	0	32 Vdc	0.1-20	2	0	3.0 kA, U1	
	OC	A,C	0	32 Vdc	0.1-20	2	0	2.5 kA, C 2	
	OC	A,C	0	12 Vdc	0.1-20	2	0	2.5 kA, U2	
1120	OC	FA, FC**	0	277 V ac	2-20	2	0	3.5 kA, C1	Trip-Free
		FA, FC**	0	50 V dc	2-20	2	0	2 kA, C1	
		FA, FC**	0	32 V dc	2-20	2	0	2 kA, C1	
4220	OC	EA	0	277Vac	0.1-32	2	0	5 kA, U1	Trip-Free
				60Vdc	0.1-32	2	0	5kA, U1	
				277/480Vac (multi-pole)	0.1-32 (m)	2	0	5kA, U1	
				60Vdc (multi-pole)	0.1-32 (m)	2	0	5kA, U1	

Supplementary protectors, Series 91L or 91H, Models 91H12005, 91H1201, 91H1202, 91H1203, 91H1204, 91H1205, 91H1206, 91H1210, 91H1213, 91H1215, 91H1216, 91H1220, 91H1225, 91H1230, 91H1232, 91H1240, 91H1250, 91H1260, 91H1263, 91H22005, 91H2201, 91H2202, 91H2203, 91H2204, 91H2205, 91H2206, 91H2210, 91H2213, 91H2215, 91H2216, 91H2220, 91H2225, 91H2230, 91H2232, 91H2240, 91H2250, 91H2260, 91H2263, 91H32005, 91H3201, 91H3202, 91H3203, 91H3204, 91H3205, 91H3206, 91H3210, 91H3213, 91H3215, 91H3216, 91H3220, 91H3225, 91H3230, 91H3232, 91H3240, 91H3250, 91H3260, 91H3263.

Cat. No.	Type	UG	FW	Max Volts	Max Amps	TC	OL	SC	Operations
91L, 91H Series	OC	A,C,D	0	480	63	2	1	0.5kA,U	Trip-Free
								6kA,U	
								10kA,U	
1650 Series	OC	A	0	240 Vac	4-16	1	0	2KA,C1	Trip-Free
				240 Vac	3	2	0	2KA,C1	
				32 Vdc	12-16	1	0	2KA,C1	
				48 Vdc	4-12	1	0	2KA,C1	
				48 Vdc	3	2	0	2KA,C1	

* For trip curves F1, F2, G1 and G2: 2, for all other trip curves: 0.

**F ++ ANSI/UL 840 Pollution Degree 3, Overvoltage Category 2.

*** For trip curves F1 and F2 TC 2, for all other trip curves TC 0.

Note: (m) - X-8345, 70 A devices and 4220, multi-pole devices subjected to 3000 endurance operations - isolation switch rating only.

Note: (n)- 0.02 - 70 A devices were tested at 10% over the 277/480 V rating. The test circuit was 305/528 Vac for the overload, endurance and short circuit tests.



Marking: Company name or trademark **E-T-A** and catalog designation, type Designation may be followed by Suffixes.

Last Updated on 2011-04-29

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