

Capsule Type Phase Control Thyristors

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ITEM	V _{DRM} /V _{RRM}	IT	I _{TSM}	I _{gt}	V _{gt}	V _{TM} /I _T	V _{to}	rt	R _{thj-c}	R _{th-c-f}	T _{jm}	Mounting	OutLine
CONDITION		Tc70°C	10ms	25°C			125°C					Force	No.
UNIT	V	A	KA	mA	V	V/A	V	m·Ω	°C/W		°C	KN	
FH550T ***	200-600	550	8	30-200	0.8-2.0	1.11/1,000	0.75	0.36	0.08	0.02	125	3.3-5.5	P1
FH860T ***	200-600	860	12	35-250	0.8-2.5	1.23/1,500	0.73	0.33	0.045	0.01	125	5.3-10	P2
FH1300T ***	200-600	1,300	18	35-300	0.8-2.5	1.1/2,000	0.76	0.14	0.035	0.008	125	10-20	P8
FH1830T ***	200-600	1,830	30	40-300	0.8-3.0	1.05/3,000	0.75	0.1	0.025	0.005	125	19-26	P6
FH2150T ***	200-600	2,150	30	40-300	0.8-3.0	1.05/3,000	0.75	0.1	0.02	0.005	125	19-26	P5
FH450T ***	400-1,000	450	6.3	30-200	0.8-2.0	1.29/770	0.75	0.7	0.08	0.02	125	3.3-5.5	P1
FH850T ***	400-1,000	850	9.1	35-250	0.8-2.5	1.24/1,550	0.7	0.35	0.045	0.01	125	5.3-10	P2
FH1050T ***	400-1,000	1,050	13	35-300	0.8-2.5	1.24/1,800	0.81	0.24	0.035	0.008	125	10-20	P8
FH1900T ***	400-1,000	1,900	29	40-300	0.8-3.0	1.2/2,550	0.89	0.12	0.02	0.005	125	19-26	P11
FH2160T ***	400-1,000	2,160	33	40-300	0.8-3.0	1.43/4,000	0.95	0.12	0.016	0.004	125	21-30	P13
FH3170T ***	400-1,000	3,170	38	40-300	0.8-3.0	1.22/5,000	0.82	0.08	0.012	0.0035	125	30-40	P15
FH3700T ***	400-1,000	3,700	60	40-300	0.8-3.0	1.17/5,000	0.86	0.06	0.01	0.003	125	35-47	P17
FH4900T ***	400-1,000	4,900	66	40-300	0.8-3.0	1.18/5,000	0.88	0.06	0.007	0.002	125	63-84	P29
FH6400T ***	400-1,000	6,400	74	50-250	0.8-2.5	1.18/6,000	0.85	0.06	0.005	0.0015	125	81-108	P21
FH420T ***	1,100-1,800	420	5	30-200	0.8-2.0	1.22/500	0.82	0.79	0.08	0.02	125	3.3-5.5	P1
FH670T ***	1,100-1,800	670	10	35-150	0.8-2.5	1.96/1,500	0.86	0.42	0.038	0.01	125	10-20	P3
FH700T ***	1,100-1,800	700	8.3	35-250	0.8-2.5	1.65/1,550	0.83	0.53	0.045	0.01	125	5.3-10	P2
FH1000T ***	1,100-1,800	1,000	11	35-300	0.8-2.5	1.28/1,700	0.82	0.27	0.035	0.008	125	10-20	P8
FH1070T ***	1,100-1,800	1,070	12	40-300	0.8-3.0	1.75/2,400	0.91	0.35	0.028	0.0075	125	15-20	P9
FH1280T ***	1,100-1,800	1,280	17	40-200	0.8-3.1	1.7/3,200	0.91	0.23	0.019	0.005	125	19-26	P27
FH1500T ***	1,100-1,800	1,500	25	40-200	0.8-3.0	1.7/4,700	0.95	0.18	0.019	0.005	125	19-26	P27
FH1600T ***	1,100-1,800	1,600	24	40-300	0.8-3.0	1.38/2,550	0.87	0.2	0.02	0.005	125	19-26	P11
FH1760T ***	1,100-1,800	1,760	26	40-300	0.8-3.0	1.49/3,000	0.95	0.18	0.018	0.004	125	21-30	P12
FH2000T ***	1,100-1,800	2,000	30	40-300	0.8-3.0	1.58/4,000	0.98	0.15	0.016	0.004	125	21-30	P13
FH2670T ***	1,100-1,800	2,670	38	40-300	0.8-3.0	1.5/5,000	0.8	0.14	0.012	0.003	125	30-40	P15
FH3440T ***	1,100-1,800	3,440	33	40-300	0.8-3.0	1.29/5,000	0.84	0.09	0.01	0.003	125	35-47	P17
FH750T ***	1,900-3,000	750	10	40-300	0.8-3.0	2.37/1,500	1.2	0.78	0.028	0.0075	125	15-20	P9
FH1180T ***	1,900-3,000	1,180	16	40-200	0.8-3.0	2.15/3,200	0.97	0.27	0.019	0.005	125	19-26	P27
FH1310T ***	1,900-3,000	1,310	18	40-300	0.8-3.0	1.87/2,550	1.03	0.33	0.02	0.005	125	19-26	P11
FH1530T ***	1,900-3,000	1,530	23	40-300	0.8-3.0	1.78/3,000	0.97	0.27	0.018	0.004	125	21-30	P12
FH1800T ***	1,900-3,000	1,800	23.6	40-300	0.8-3.0	1.61/3,000	0.98	0.21	0.016	0.004	125	21-30	P13
FH2070T ***	1,900-3,000	2,070	28	40-300	0.8-3.0	1.83/4,000	1.07	0.19	0.012	0.0035	125	30-40	P15
FH2720T ***	1,900-3,000	2,720	33	40-300	0.8-3.0	1.44/3,000	0.95	0.16	0.01	0.003	125	35-47	P17
FH512T ***	3,100-4,200	512	7	35-300	0.8-2.5	2.83/1,100	1.18	1.5	0.035	0.008	125	10-20	P8
FH1050T ***	3,100-4,200	1,050	15	40-300	0.8-3.0	2.18/1,830	1.14	0.57	0.02	0.005	125	19-26	P11
FH1750T ***	3,100-4,200	1,750	18	40-300	0.8-3.0	2.6/3,000	1.16	0.34	0.012	0.035	125	27-34	P15
FH2300T ***	3,100-4,200	2,300	25	40-300	0.8-3.0	1.82/3,000	1.15	0.22	0.01	0.003	125	35-47	P17
FH4790T ***	3,100-4,200	4,790	60	50-300	0.8-3.0	1.6/6,000	0.88	0.12	0.005	0.0015	125	81-108	P21
FH477T ***	4,300-5,200	477	5	35-300	0.8-3.0	2.99/1,000	1.21	1.78	0.035	0.008	125	10-20	P8
FH930T ***	4,300-5,200	930	10	40-300	0.8-3.0	2.58/1,830	1.04	0.84	0.02	0.005	125	19-26	P11
FH1630T ***	4,300-5,200	1,630	17.5	40-300	0.8-3.0	3.0/3,000	1.25	0.39	0.012	0.003	125	27-34	P15
FH1942T ***	4,300-5,200	1,942	37	40-300	0.8-3.0	2.21/3,000	1.16	0.35	0.01	0.003	125	35-47	P17
FH2900T ***	4,300-5,200	2,900	40	40-300	0.8-3.0	1.71/3,000	0.99	0.24	0.007	0.002	125	63-84	P20
FH3777T ***	4,300-5,200	3,777	45	40-300	0.8-3.0	1.59/3,000	0.96	0.21	0.005	0.0015	125	81-108	P21
FH400T ***	4,600-5,500	400	4.5	40-300	0.8-3.0	2.80/1,000	1.08	1.92	0.045	0.008	125	10-20	P23
FH440T ***	4,600-5,500	440	4.5	40-300	0.8-3.0	2.80/1,000	1.08	1.92	0.035	0.008	125	10-20	P8
FH850T ***	4,600-5,500	850	12	40-300	0.8-3.0	1.90/1,000	1.07	0.83	0.022	0.005	125	19-26	P24
FH920T ***	4,600-5,500	920	12	40-300	0.8-3.0	1.90/1,000	1.07	0.83	0.02	0.005	125	19-26	P11
FH1800T ***	4,600-5,500	1,800	22	40-300	0.8-3.0	2.20/3,000	1.01	0.36	0.011	0.003	125	35-47	P25
FH1920T ***	4,600-5,500	1,920	22	40-300	0.8-3.0	2.20/3,000	1.01	0.36	0.01	0.003	125	35-47	P14
FH2300T ***	4,600-5,500	2,300	32	40-300	0.8-3.0	1.70/3,000	1.03	0.25	0.009	0.002	125	63-84	P28
FH3500T ***	4,600-5,500	3,500	45	40-300	0.8-3.0	1.54/3,000	1.02	0.21	0.0057	0.0015	125	81-108	P30
FH5010T ***	4,600-5,500	5,010	72	30-300	0.8-3.0	1.50/3,000	1.02	0.14	0.004	0.001	125	110-140	P31

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ITEM	V_{DRM}/V_{RRM}	IT	I_{TSM}	Igt	Vgt	V_{TM}/I_T	Vto	rt	R_{thj-c}	R_{thc-f}	Tjm	Mounting	OutLine
CONDITION		Tc70°C	10ms	25°C			125°C					Force	No.
UNIT	V	A	KA	mA	V	V/A	V	m·Ω	°C/W		°C	KN	
FH350T ***	5,600-6,500	350	4.5	40-300	0.8-3.0	3.50/1,000	1.25	2.2	0.045	0.008	125	10-20	P23
FH420T ***	5,600-6,500	420	4.5	40-300	0.8-3.0	3.50/1,000	1.25	2.2	0.035	0.008	125	10-20	P8
FH720T ***	5,600-6,500	720	11.8	40-300	0.8-3.0	2.40/1,000	1.25	1.03	0.022	0.005	125	19-26	P24
FH830T ***	5,600-6,500	830	11.8	40-300	0.8-3.0	2.40/1,000	1.25	1.03	0.02	0.005	125	19-26	P11
FH1370T ***	5,600-6,500	1,370	22	40-300	0.8-3.0	2.12/1,500	1.2	0.63	0.011	0.003	125	35-47	P25
FH1500T ***	5,600-6,500	1,500	22	40-300	0.8-3.0	2.12/1,500	1.2	0.63	0.01	0.003	125	35-47	P14
FH1800T ***	5,600-6,500	1,800	32	40-300	0.8-3.0	1.90/1,600	1.22	0.42	0.009	0.002	125	63-84	P28
FH2800T ***	5,600-6,500	2,800	45	40-300	0.8-3.0	2.0/3,000	1.14	0.27	0.0057	0.0015	125	81-108	P30
FH4200T ***	5,600-6,500	4,200	71	40-300	0.8-3.0	1.73/3,000	1.15	0.17	0.004	0.001	125	110-140	P31
FH320T ***	6,600-7,200	320	4	30-300	0.8-3.0	2.90/500	1.13	3.1	0.045	0.008	125	10-20	P23
FH650T ***	6,600-7,200	650	10.5	30-300	0.8-3.0	2.90/1,000	1.28	1.32	0.022	0.005	125	19-26	P24

*** : $V_{D(R)M}/10$