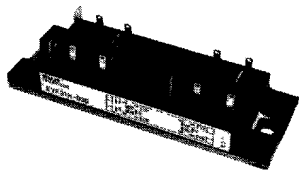
Power Darlington Modules

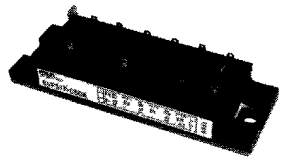
T-33-29

4 PACK/6 PACK

Device Type	V_{CBO} Volts	V_{CEO} Volts	V_{CEX} V_{CEO} (sus) Volts	Ic cont. Amps	Pc Watts (per Xstr)	h_{FE} @ min.	Ic Amps.	VCE Volts	Switching time (Max.) ton µsec.	ts µsec.	tf µsec.	Package
4-PACK DARLINGTON MODULES												
EVF31H-035	500	500	350	20	80	50	10	5	0.8	2 5	1	M401
EVF31H-050	600	600	450	15	100	100	15	5	1.5	12	2.5	M401
4DI30A-030	300	300	300	30	100	75	20	5	1.5	4	1	M605
6-PACK DARLINGTON MODULES												
6DI10A-050	600	600	450	10	80	100	10	5	1	12	2	M601
6DI10A-120	1200	1200	1200	10	100	70	10	5	3	15	3	M604
EVF33T-040	450	450	400	15	80	100	15	5	1	12	2	M601
EVF31T-050A	600	600	450	15	100	100	15	5	1.5	15	2.5	M602
6DI15A-050	600	600	450	15	80	100	15	5	1	12	2	M604
6DI15A-120	1200	1200	1200*	15	150	70	15	5	3	15	3	M605
6DI15S-050	600	600	450	15	60	100	15	5	1	12	2	SIL
6DI20C-050	600	600	450	20	100	100	20	5	1	12	1	M604
6DI30A-050	600	600	450	30	150	100	30	5	3	12	4	M603
6DI30A-120	1200	1200	1200*	30	230	70	30	5	3	15	3	M606
6DI30B-050	600	600	450	30	150	100	30	5	1	12	2	M605
6DI30Z-100	1000	1000	1000	30	300	100	30	5	2.5	12	2	M613
6DI30Z-120	1200	1200	1200	30	230	100	30	5	3	15	2	M606
6DI50B-050	600	600	450	50	230	100	50	5	3	12	4	M606
6DI50C-050	600	600	450	50	230	100	50	5	3	12	4	M603
6DI50A-055	600	600	550	50	230	70	50	5	3	12	4	M603
6DI50Z-120	1200	1200	1200	50	300	100	50	5	3	15	2	M606
6DI75A-050	600	600	450	75	350	100	75	5	3	12	4	M603
6DI75B-050	600	600	450	75	350	100	75	5	3	12	4	M606
6DI100A-050	600	600	450	100	400	80	100	5	3	15	4	M603



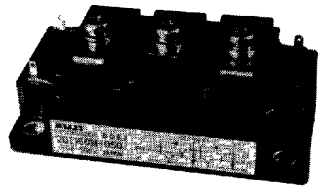




600 VOLT M-SERIES, HIGH hFE

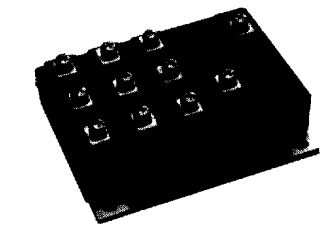
Device Type	V_{CEO} (sus) Volts	V_{CEX} (sus) Volts	Ic Amps	DC Current Gain TJ=125°C h_{FE} @ min.	Ic Amps	V_{CE} Volts	PC (w/xstr.)	Switching Time TJ=25°C tstg. µS	Ic Amps	I_{B1} mA	I_{B2} Amps	Package
1 PACK												
1DI30MA-050	450	600	30	750	30	2.5	200	8	30	40	0.6	M102
1DI50MA-050	450	600	50	750	50	2 5	310	8	50	67	–1.0	M102
1DI100MA-050	450	600	100	1000	100	2.5	600	8	100	100	–2.0	M103
1DI200MA-050	450	600	200	2000	200	2 5	1000	8	200	100	–4.0	M104
1DI300M-050	450	600	300	3000	300	2.5	1380	8	300	100	–6.0	M109
1DI400M-050	450	600	400	2000	400	2.5	1500	8	400	200	–6 0	M109
2 PACK												
2DI30M-050	450	600	30	750	30	2.5	250	8	30	40	–0 6	M208
2DI50M-050	450	600	50	750	50	2 5	310	8	30	67	–1.0	M208
2DI75M-050	450	600	75	750	75	2 5	350	8	75	100	–1.5	M208
2DI100M-050	450	600	100	1000	100	2.5	620	8	100	100	–2.0	M205
2DI150M-050	450	600	150	1500	150	2 5	690	8	150	100	–3.0	M205
2DI200M-050	450	600	200	2000	200	2.5	800	8	200	100	–4.0	M210
6 PACK												
6DI30M-050	450	600	30	750	30	2 5	200	8	30	40	–0 6	M607
6DI50M-050	450	600	50	750	50	2.5	310	8	50	67	–1.0	M609
6DI75M-050	450	600	75	750	75	2 5	350	8	75	100	–1.5	M609
6DI100-050	450	600	100	1000	100	2 5	400	8	100	100	–2.0	M610
SIL 6 PACK												
6DI10MS-050	450	600	10	100	10	2 0	50	8	10	100	–0.3A	SIL
6DI15MS-050	450	600	15	150	15	2 5	60	8	15	100	–0 3A	SIL
6DI20MS-050	450	600	20	200	20	2.5	80	8	20	100	–0 3A	SIL





NEW 1200 VOLT M-SERIES, HIGH hFE

Device Type	V_{CEO} (sus) Volts	V_{CEX} (sus) Volts	Ic Amps	DC Current Gain TJ=125°C h_{FE} @ min.	Ic Amps	V_{CE} Volts	PC (w/xstr.)	Switching Time TJ=25°C tstg. µS	Ic Amps	I_{B1} mA	I_{B2} Amps	Package
1 PACK												
1DI200M-120	900	1200	200	1000	200	4	1400	15	200	200	–4.0	M106
1DI300M-120	900	1200	300	1500	300	4	2000	15	300	200	–6.0	M106
1DI400MN-120	900	1200	400	2000	400	4	3000	15	400	200	–8.0	M118
1DI400MP-120	900	1200	400	2000	400	4	3000	15	400	200	–8.0	M117
2 PACK												
2DI50M-120	900	1200	50	500	50	4	310	15.0	50	100	1.0	M204
2DI75M-120	900	1200	75	750	75	4	500	15.0	75	100	–1.5	M209
2DI100M-120	900	1200	100	1000	100	4	800	15 0	100	100	–2.0	M210
2DI150M-120	900	1200	150	1500	150	4	1000	15.0	150	100	–3.0	M210
6 PACK												
6DI15M-120	900	1200	15	150	15	3	150	15 0	15	100	–0.3	M607
6DI30M-120	900	1200	30	300	30	4	300	15 0	30	100	–0 6	M613
6DI50M-120	900	1200	50	500	50	4	310	15.0	50	100	–1.0	M609



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