

# Power Darlington Modules

T-33-29



## 200, 300 AND 500 VOLTS

Device Type	V <sub>CB0</sub> Volts	V <sub>CE0</sub> Volts	V <sub>CE0</sub> (sus) Volts	I <sub>c</sub> cont. Amps	P <sub>c</sub> Watts (per xstr)	hFE @ min	I <sub>c</sub> Amps	V <sub>CE</sub> Volts	Switching time (max.)			Package
									t <sub>on</sub> μsec.	t <sub>s</sub> μsec.	t <sub>f</sub> μsec.	
<b>SINGLE DARLINGTON MODULES (ISOLATED)</b>												
ETG81-050	600	600	450	30	200	100	30	5	3	12	3	M102
ETK81-050	600	600	450	50	300	100	50	5	3	12	4	M102
ETK85-050	600	600	450	75	350	70	75	5	2	10	2.5	M102
ETL81-050	600	600	500	100	600	100	100	5	3	10	3	M103
ETN81-055	600	600	550	200	1000	70	200	5	2	12	3	M104
1D1240A-055	600	600	550	240	1000	70	240	5	2	12	3	M104
ETN85-050	600	600	450	300	1200	70	300	5	2	12	2.5	M104
1D1480A-055	600	600	550	480	2000	70	480	5	2	12	3	M105
1D1500A-030	400	400	300	500	2000	500	500	2	2	12	4	M105

## DUAL DARLINGTON MODULES (ISOLATED)

EVG31-050	600	600	450	30	200	100	30	5	3	12	4	M201
2D130D-050	600	600	450	30	250	100	30	5	3	12	4	M208
EVK31-050	600	600	450	50	300	100	50	5	3	12	4	M201
2D150D-050	600	600	450	50	310	100	50	5	3	12	4	M208
2D150D-055A	600	600	550	50	300	70	50	5	2	12	4	M208
EVK71-050	600	600	450	75	350	70	75	5	2	10	2.5	M202
2D175S-050A	600	600	450	75	350	100	75	5	2	10	2.5	M202
EVK75-050	600	600	450	75	350	70	75	5	2	10	2.5	M201
2D175D-050	600	600	450	75	350	100	75	5	3	12	4	M208
2D175D-055A	600	600	550	75	350	70	75	5	3	12	4	M208
EVK71-055	600	600	550	75	350	70	75	5	2	12	3	M202
EVL31-050	600	600	450	100	500	100	100	5	3	12	4	M203
2D1100D-050	600	600	450	100	620	100	100	5	3	12	4	M205
EVL31-055	600	600	550	100	500	70	100	5	2	12	3	M203
EVL32-055	600	600	550	120	500	70	120	5	2	12	3	M203
EVM31-050A	600	600	500	150	600	70	150	5	2	10	2.5	M203
2D1150D-050	600	600	450	150	690	100	150	5	3	12	4	M205
2D1200A-020	300	300	250	200	500	100	200	5	2	12	3	M203
2D1200A-050	600	600	450	200	900	80	200	5	2	12	3	M207
2D1240A-055	600	600	550	240	1000	70	240	5	2	12	3	M207
2D1300A-050	600	600	450	300	1200	70	300	5	2	12	2.5	M207

## SINGLE DARLINGTONS AND TRANSISTORS (NON-ISOLATED)

ET188	400	400	300	100	600	200	100	5	2	12	3	BBT II
ET127-450V	600	600	450	100	960	100	100	5	4	10	3	BBT
ET127-520V	600	600	520	100	960	100	100	5	4	10	3	BBT
1D500A-030	400	400	300	500	2500	500	500	2	2	12	4	BBT IV
1D200A-020	300	300	200	200	800	100	200	5	2	12	3	BBT II
ETN01-055	600	600	550	200	1500	8	120	5	2	8	2	BBT III
ETN31-055	600	600	550	200	1500	70	200	5	2	12	3	BBT III
ETM36-030	400	400	320	200	1000	150	200	5	2	10	1.2	BBT III
ETN35-030	400	400	300	300	1500	100	300	5	2	12	1.2	BBT III
ETN36-030	400	400	320	300	1500	150	300	5	2	10	1.2	BBT III
ET1257	1000	1000	1000	200	1500	4	120	5	-	-	-	BBT III

## 1000 VOLTS

Device Type	V <sub>CB0</sub> Volts	V <sub>CE0</sub> Volts	V <sub>CEX</sub> (sus) Volts	I <sub>c</sub> cont. Amps	P <sub>c</sub> Watts (per xstr)	hFE @ min	I <sub>c</sub> Amps	V <sub>CE</sub> Volts	Switching time (max.)			Package
									t <sub>on</sub> μsec.	t <sub>s</sub> μsec.	t <sub>f</sub> μsec.	

## SINGLE DARLINGTON MODULES (ISOLATED)

1D1200D-100	1000	1000	1000	200	1600	100	200	5	2.5	15	3	M105
1D1300D-100	1000	1000	1000	300	2000	100	300	5	2.5	15	3	M105
1D1400D-100	1000	1000	1000	400	2400	70	400	5	2.5	15	3	M105

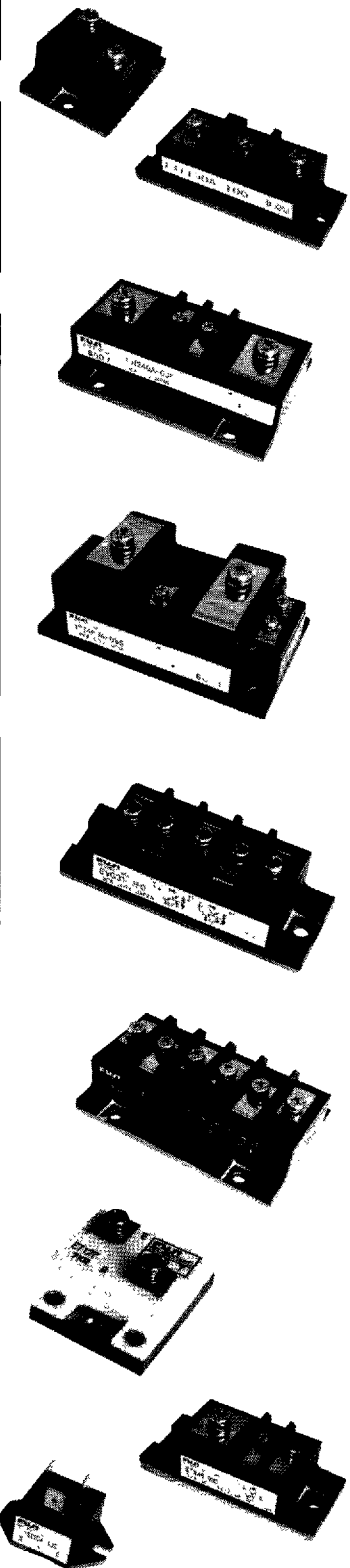
## DUAL DARLINGTON MODULES (ISOLATED)

EV1277	1000	1000	1000	30	300	100	30	5	3	12	2	M202
2D130D-100	1000	1000	1000	30	300	100	30	5	2.5	15	3	M204
EV1234	1000	1000	1000	50	500	100	50	5	3	15	2	M203
2D150D-100	1000	1000	1000	50	400	100	50	5	2.5	15	3	M204
2D175D-100	1000	1000	1000	75	500	100	75	5	2.5	15	3	M206
EV1255	1000	1000	1000	100	800	200	100	5	3	15	2	M203
2D1100D-100	1000	1000	1000	100	800	100	100	5	2.5	15	3	M207
2D1150D-100	1000	1000	1000	150	1000	100	150	5	2.5	15	3	M207
2D1200D-100	1000	1000	1000	200	1200	100	200	5	2.5	15	3	M207

## 1000 VOLT "Z" MODULES, HIGH SPEED, EXTRA RUGGED

### SINGLE DARLINGTON MODULES (ISOLATED) 1000V

1D1200Z-100	1000	1000	1000	200	1400	100	200	5	2.5	12.0	2.0	M106
1D1300Z-100	1000	1000	1000	300	2000	100	300	5	2.5	12.0	2.0	M106



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