26 600 volts class power transistor modules

- Power transistors and free wheel diodes are built into one package.
- All terminals are insulated from mounting plate.
- Suited for motor control applications with 220 to 240 volts inputs.
- All terminals are screw-clamp type.

Device type	V_{CBO} Volts	V_{CEO} Volts	V_{CEO} (sus) Volts	I_C cont. Amps.	P_C Watts	h_{FE} min.	I_C Amps.	V_{CE} Volts	Switching time (Max.) t_{on} µsec.	t_{stg} µsec.	t_f µsec.	Package	Net mass Grams	Equivalent circuit Page 31, 32
2DI75D-055A	600	600	550	75	350	70	75	5	3.0	12	4	M208	175	Fig. C2
2DI240A-055	600	600	550	240	1000	70	240	5	2.0	12	3	M207	550	Fig. C3
1DI240A-055	600	600	550	240	1000	70	240	5	2.0	12	3	M104	450	Fig. B10
1DI480A-055	600	600	550	480	2000	70	480	5	2.0	12	3	M105	560	Fig. B10
EVL31-055	600	600	550	100	500	70	100	5	2.0	12	3	M203	450	Fig. C4
EVL32-055	600	600	550	120	500	70	120	5	2.0	12	3	M203	450	Fig. C4
ETN81-055	600	600	550	200	1000	70	200	5	2.0	12	3	M104	450	Fig. B10

27 3-terminal type 600 volts class power transistor modules

- Terminal layout in which drive wiring and power wiring do not come across.
- Suited for motor control applications with 200V AC input and power supplies.

Device type	V_{CBO} Volts	V_{CEO} Volts	V_{CEO} (sus) Volts	I_C cont. Amps.	P_C Watts	h_{FE} min.	I_C Amps.	V_{CE} Volts	Switching time (Max.) t_{on} µsec.	t_{stg} µsec.	t_f µsec.	Package	Net mass Grams	Equivalent circuit Page 31, 32
ETF81-050	600	600	450	15	120	100	15	5	1.0	12	2	M101	33	Fig. B9
EVG31-050A	600	600	450	30	200	100	30	5	3.0	12	4	M201	90	Fig. C1
ETG81-050A	600	600	450	30	200	100	30	5	3.0	12	4	M102	100	Fig. B9
ETK81-050	600	600	450	50	300	100	50	5	3.0	12	4	M102	100	Fig. B9
EVK31-050	600	600	450	50	300	100	50	5	3.0	12	4	M201	90	Fig. C1
ETK85-050	600	600	450	75	350	70	75	5	2.0	10	2.5	M102	100	Fig. B9
EVK71-050	600	600	450	75	350	70	75	5	2.0	10	2.5	M202	235	Fig. C4
EVL31-050	600	600	450	100	500	100	100	5	2.0	10	3	M203	450	Fig. C4
EVM31-050A	600	600	450	150	600	70	150	5	2.0	10	2.5	M203	450	Fig. C4
ETN85-050	600	600	450	300	1200	70	300	5	2.0	12	2.5	M104	450	Flg. B10
ETL81-050	600	600	500	100	600	100	100	5	3.0	10	3	M103	200	Fig. B10
2DI30D-050A	600	600	450	30	250	100	30	5	3.0	12.0	4.0	M208	175	Fig. C2
2DI50D-050A	600	600	450	50	310	100	50	5	3.0	12.0	4.0	M208	175	Fig. C2
2DI75D-050A	600	600	450	75	350	100	75	5	3.0	12.0	4.0	M208	175	Fig. D2
2DI100D-050	600	600	450	100	620	100	100	5	3.0	12.0	4.0	M205	340	Fig. C3
2DI150D-050	600	600	450	150	690	100	150	5	3.0	12.0	4.0	M205	340	Fig. C3
2DI200A-050	600	600	450	200	900	80	200	5	2.0	12.0	3	M207	550	Fig. C5
2DI300A-050	600	600	450	300	1200	70	300	5	2.0	12.0	2.5	M207	550	Fig. C5