

**37** 6-pack power transistor modules

- 6 power transistors and 6 free wheels are built into one package.
- All terminals are insulated from mounting plate.
- Best suited for 10 to 50 Ampere 3-phase inverter circuits.

Device type	V <sub>CB0</sub>	V <sub>CE0</sub>	V <sub>CE0</sub>	I <sub>c</sub>	P <sub>c</sub>	h <sub>FE</sub>	I <sub>c</sub>	V <sub>CE</sub>	Switching time (Max.)			Package	Net weight Grams	Equivalent circuit Page 43
	Volts	Volts	(sus) Volts	cont. Amps.	Watts	min.	Amps.	Volts	t <sub>on</sub> μsec.	t <sub>stg</sub> μsec.	t <sub>r</sub> μsec.			
EVF33T-040	450	450	400	15	80	100	15	5	1	12	2	M601	130	Fig. H1
6DI10A-050	600	600	450	10	80	100	10	5	1	12	2	M601	130	Fig. H1
EVF31T-050A	600	600	450	15	100	100	15	5	1	15	2.5	M602	180	Fig. H1
6DI15A-050	600	600	450	15	80	100	15	5	1	12	2	M604	150	Fig. H1
6DI20C-050	600	600	450	20	120	100	20	5	1	12	2	M604	150	Fig. H1
6DI30A-050	600	600	450	30	150	100	30	5	1.5	12	3	M603	450	Fig. H2
6DI30B-050	600	600	450	30	200	100	30	5	1	12	2	M605	210	Fig. H3
6DI50B-050	600	600	450	50	230	100	50	5	3	12	4	M606	450	Fig. H3
6DI50C-050	600	600	450	50	230	100	50	5	1.5	12	3	M603	450	Fig. H2
6DI75A-050	600	600	450	75	350	100	75	5	1.5	12	3	M603	450	Fig. H2
6DI100A-050	600	600	450	100	400	80	100	5	3	15	4	M603	450	Fig. H2
6DI50A-055	600	600	550	50	230	70	50	5	3	12	4	M603	450	Fig. H2
6DI10A-120	1200	1200	1200*	10	100	70	10	5	3	15	3	M604	150	Fig. J2
6DI15A-120	1200	1200	1200*	15	150	70	15	5	3	15	3	M605	210	Fig. J1
6DI30A-120	1200	1200	1200*	30	230	70	30	5	3	15	3	M606	450	Fig. J1

\* V<sub>CE</sub> (sus)

**38** Low voltage high current power transistor modules

- All terminals are insulated from mounting plate.
- Power transistors and free wheels are built into one package.

Device type	V <sub>CB0</sub>	V <sub>CE0</sub>	V <sub>CE0</sub>	I <sub>c</sub>	P <sub>c</sub>	h <sub>FE</sub>	I <sub>c</sub>	V <sub>CE</sub>	Switching time (Max.)			Package	Net weight Grams	Equivalent circuit Page 40
	Volts	Volts	(sus) Volts	cont. Amps.	Watts	min.	Amps.	Volts	t <sub>on</sub> μsec.	t <sub>stg</sub> μsec.	t <sub>r</sub> μsec.			
2DI200A-020	300	300	250	200	500	100	200	5	2	12	3	M203	450	Fig. C4
1DI500A-030	400	400	300	500	2000	500	500	2	2	12	4	M105	560	Fig. B10