

### 30 3-terminal type 600 volts class power transistor modules

- Power transistors and free wheels are built into one package.
- All terminals are insulated from mounting plate.
- Terminal layout in which drive wiring and power wiring do not come across.
- Best suited for motor control applications with 200V AC input and power supplies.

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 41
	Volts	Volts	(sus) Volts	cont. Amps.	Watts	min.			Amps.	Volts	t <sub>on</sub> μsec.			
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	12.0	3	M207	550	Fig. C5
2DI300A-050	600	600	450	300	1200	70	300	5	2	12.0	2.5	M207	550	Fig. C5

### 31 600 volts class power transistor modules

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

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.			
2DI50D-055A	600	600	550	50	300	70	50	5	2	12	4	M208	175	Fig. C2
2DI75D-055A	600	600	550	75	350	70	75	5	3	12	4	M208	175	Fig. C2
2DI240A-055	600	600	550	240	1000	70	240	5	2	12	3	M207	550	Fig. C3
1DI240A-055	600	600	550	240	1000	70	240	5	2	12	3	M104	450	Fig. B10
1DI480A-055	600	600	550	480	2000	70	480	5	2	12	3	M105	560	Fig. B10
EVK71-055	600	600	550	75	350	70	75	5	3	12	4	M202	235	Fig. C4
EVL31-055	600	600	550	100	500	70	100	5	2	12	3	M203	450	Fig. C4
EVL32-055	600	600	550	120	500	70	120	5	2	12	3	M203	450	Fig. C4
ETN81-055	600	600	550	200	1000	70	200	5	2	12	3	M104	450	Fig. B10

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