

T-33-35

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 _{CB0} | V _{CE0} | V _{CE0} (sus) | I _c cont. | P _c | h _{FE} min. | I _c | V _{CE} | Switching time (Max.) | | | Package | Net weight Grams | Equivalent circuit Page 43 |
|-------------|------------------|------------------|---------------------------|-------------------------|----------------|-------------------------|----------------|-----------------|--------------------------|---------------------------|-------------------------|---------|---------------------|-------------------------------|
| | Volts | Volts | Volts | Amps. | Watts | | Amps. | Volts | t _{on} μsec. | t _{stg} μsec. | t _r 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_{CE} (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 _{CB0} | V _{CE0} | V _{CE0} (sus) | I _c cont. | P _c | h _{FE} min. | I _c | V _{CE} | Switching time (Max.) | | | Package | Net weight Grams | Equivalent circuit Page 40 |
|-------------|------------------|------------------|---------------------------|-------------------------|----------------|-------------------------|----------------|-----------------|--------------------------|---------------------------|-------------------------|---------|---------------------|-------------------------------|
| | Volts | Volts | Volts | Amps. | Watts | | Amps. | Volts | t _{on} μsec. | t _{stg} μsec. | t _r 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 |