

BIPOLAR TRANSISTORS

Ratings and Specifications

T-33-15

26 600 volts class power transistor modules for DC chopper

- Power transistors and free wheels are built into one package.
- Best suited for motor control applications using a chopper converter

Device type	V _{CB0}	V _{CE0}	V _{CE0}	I _c	P _c	h _{FE}	I _c	V _{CE}	Switching time (Max.)			Package	Net weight Grams	Equivalent circuit Page 40
	Volts	Volts	(sus) Volts	cont. Amps.	Watts	min.			Amps.	Volts	t _{on} μsec.			
1DI50H-055	600	600	550	50	300	70	50	5	3	12	4	M204	175	Fig. B13
1DI50K-055	600	600	550	50	300	70	50	5	3	12	4	M204	175	Fig. B19
1DI75E-055	600	600	550	75	350	70	75	5	3	12	4	M204	175	Fig. B15
1DI75F-055	600	600	550	75	350	70	75	5	3	12	4	M204	175	Fig. B14
1DI100E-055	600	600	550	100	500	70	100	5	2	12	3	M205	340	Fig. B15
1DI100F-055	600	600	550	100	500	70	100	5	2	12	3	M205	340	Fig. B14
1DI150E-055	600	600	550	150	600	70	150	5	3	12	4	M205	340	Fig. B15
1DI150F-055	600	600	550	150	600	70	150	5	3	12	4	M205	340	Fig. B14
1DI150H-055	600	600	550	150	600	70	150	5	3	12	4	M205	340	Fig. B13
1DI200E-055	600	600	550	200	1000	70	200	5	2	12	3	M207	550	Fig. B12
1DI200F-055	600	600	550	200	1000	70	200	5	2	12	3	M207	550	Fig. B16
1DI200H-055	600	600	550	200	1000	70	200	5	2	12	3	M207	550	Fig. B17
1DI200K-055	600	600	550	200	1000	70	200	5	2	12	3	M207	550	Fig. B18

27 1000 volts class power transistor modules for DC chopper

- Best suited for motor control applications using a chopper converter
- The type depends on free wheel diode and fast recovery diode wiring.

Device type	V _{CB0}	V _{CE0}	V _{CEX}	I _c	P _c	h _{FE}	I _c	V _{CE}	Switching time (Max.)			Package	Net weight Grams	Equivalent circuit Page 41
	Volts	Volts	(sus) Volts	cont. Amps.	Watts	min.			Amps.	Volts	t _{on} μsec.			
1DI50F-100	1000	1000	1000	50	400	100	50	5	2.5	15	3	M204	175	Fig. D3
1DI75E-100	1000	1000	1000	75	500	100	75	5	2.5	15	3	M206	265	Fig. D4
1DI75F-100	1000	1000	1000	75	500	100	75	5	2.5	15	3	M206	265	Fig. D3
1DI100E-100	1000	1000	1000	100	800	100	100	5	2.5	15	3	M207	550	Fig. D5
1DI100F-100	1000	1000	1000	100	800	100	100	5	2.5	15	3	M207	550	Fig. D6
1DI150E-100	1000	1000	1000	150	1000	100	150	5	2.5	15	3	M207	550	Fig. D5
1DI150F-100	1000	1000	1000	150	1000	100	150	5	2.5	15	3	M207	550	Fig. D6