

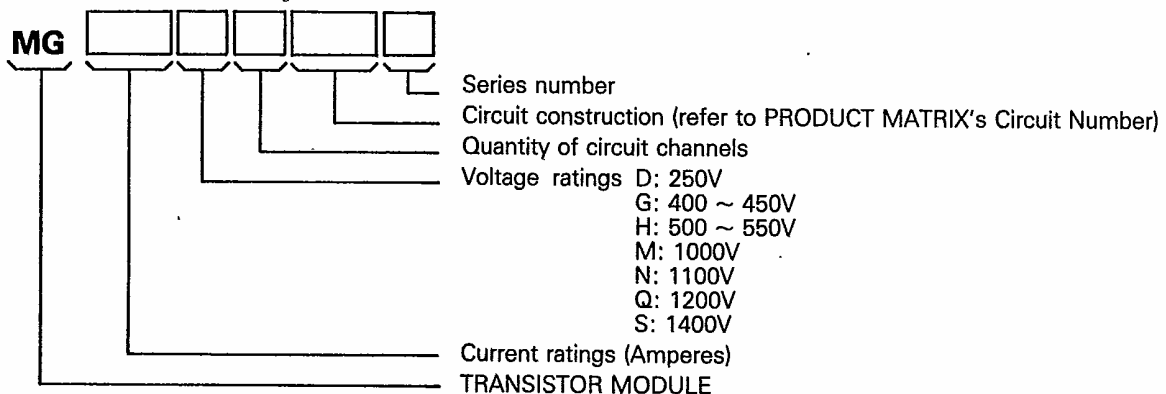
WESTCODE TRANSISTOR MODULES are designed for use in various types of motor control and other high power switching applications and consist of insulated type **DARLINGTON TRANSISTORS**. The electrodes are fully isolated from heat sink. Single ended electrode construction is used to greatly simplify mounting. A wide variety of devices are available with current capability up to 400A and voltage rating up to 1400V.

FEATURES

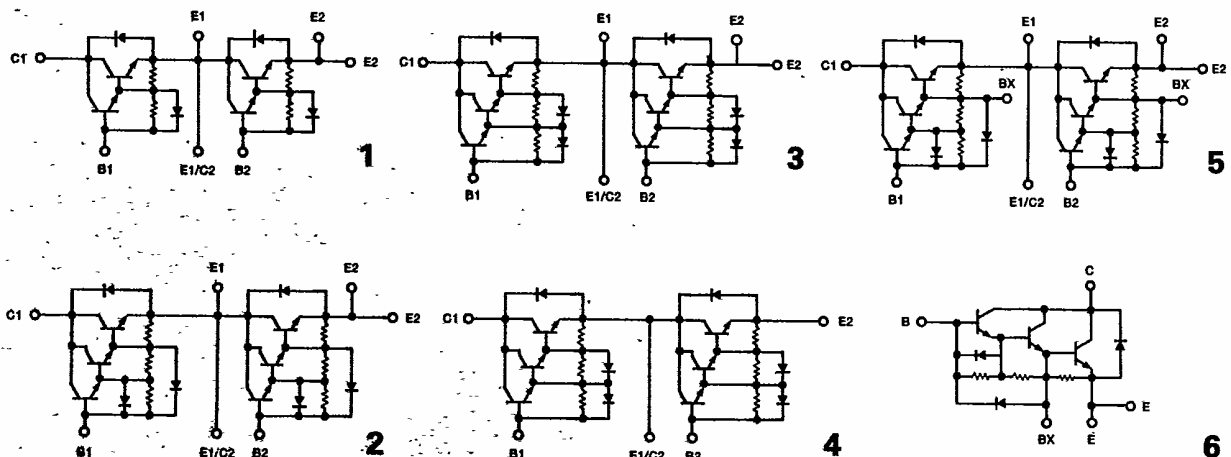
1. Electrodes are isolated from the heat sink (2500V AC).
2. High DC current Gain (h_{FE}) (80 or 100 MIN).
3. Low saturation voltage (2 or 2.5V maximum).
4. Wide safe operating area.

DESIGNATION CODE

Modules are specified by a type number using the format shown below to indicate the characteristics.



EQUIVALENT CIRCUITS



$V_{CE(sat)}$ Max (V)	$V_{BE(sat)}$ Max (V)	$t_{on}(\mu S)$ Max	$t_s(\mu S)$ Max	$t_f(\mu S)$ Max	$V_F(V)$ Max	$t_{rr}(\mu S)$ Max	$R_{th(j-s)}$ $^{\circ}C/W_{max}$		Outline Drawing	Screw Torque Terminal Mount Kg.cm
							Transistor	Diode		
2.5	3.5	2.0	11.0	6.0	1.5	1.0	0.83	1.3	A	20/30
2.5	3.5	2.0	15.0	5.0	1.7	1.0	0.41	1.3	A	20/30
2.5	3.5	2.0	14.0	6.0	1.7	1.0	0.41	1.3	A	20/30
2.0	2.5	1.0	12.0	3.0	1.6	1.0	0.625	1.8	A	20/30
2.0	2.5	1.0	12.0	2.0	1.7	2.0	0.41	1.3	A	20/30
2.5	3.5	2.0	15.0	5.0	1.7	1.0	0.35	1.3	A	20/30
2.5	3.5	2.0	15.0	5.0	1.7	1.0	0.35	1.3	A	20/30
2.5	3.5	3.0	15.0	5.0	1.8	1.0	0.35	1.3	A	20/30
2.0	2.5	2.0	12.0	2.0	1.7	2.0	0.36	1.3	A	20/30
2.5	3.5	2.0	15.0	5.0	1.8	1.0	0.31	1.3	B	20/30
2.5	3.5	3.0	15.0	5.0	1.8	1.0	0.31	1.3	B	20/30
2.5	3.5	2.0	12.0	3.0	1.8	0.7	0.31	1.3	C	30/30
2.5	3.5	2.0	15.0	5.0	1.8	1.0	0.179	0.65	C	30/30
2.5	3.5	3.0	15.0	5.0	1.8	1.0	0.179	0.65	C	30/30
2.5	3.5	2.0	15.0	5.0	1.8	1.0	0.156	0.65	C	30/30
2.5	3.5	3.0	15.0	5.0	1.8	1.0	0.156	0.65	C	30/30
2.5	3.5	2.0	15.0	5.0	1.8	1.0	0.089	0.325	D	20/30/30**
2.5	3.5	4.0	15.0	5.0	1.8	1.0	0.089	0.325	D	20/30/30**
2.5	3.5	2.0	15.0	5.0	1.8	1.0	0.078	0.325	D	20/30/30**
2.5	3.5	4.0	15.0	5.0	1.8	1.0	0.078	0.325	D	20/30/30**

