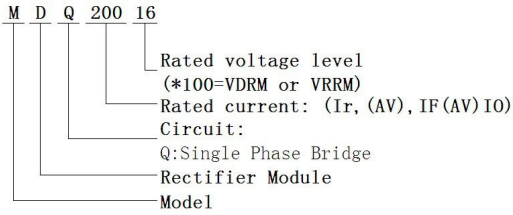


Model and Description



Features

1. The chip is electrical insulation to the baseplate,2500VAC
2. International standard capsulation
3. Fully pressure welding structure, good temperature characteristics and power cycling ability.
4. Max. junction temperature up to 140°C
5. High surge current
6. Low forward voltage drop

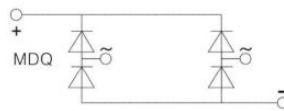
Applications

1. Excitation source for DC Motor
2. Input rectifying for switching power supply
3. Capacity charge for soft start
4. Electrical drag and auxiliary current
5. DC power source in the apparatus
6. Inverter welding machine
7. Current charge for DC power supply
8. Input rectifying power source of PWM frequency converters

Specification

Type	Id A	IF(AV) A	TC °C	VRRM V	IRRM mA	VTM/ITM		Tjm °C	Viso V(AC)	Outline
						V	A			
MDQ30	30	15	100	600-2000	8	1.45	45	150	2500	MQ25, MQ27
MDQ60	60	30	100	600-2000	8	1.45	90	150	2500	MQ27
MDQ100	100	50	100	600-2000	10	1.45	150	150	2500	MQ19, MQ20, MQ29
MDQ150	150	75	100	600-2000	10	1.5	225	150	2500	MQ21, MQ28
MDQ200	200	100	100	600-2000	10	1.5	300	150	2500	MQ21, MQ28
MDQ300	300	150	100	600-2000	10	1.5	450	150	2500	MQ23
MDQ400	400	200	100	600-2000	10	1.5	600	150	2500	MQ23
MDQ500	500	250	100	600-2000	10	1.5	750	150	2500	MQ24
MDQ600	600	300	100	600-2000	10	1.5	900	150	2500	MQ24
MDQ800	800	400	100	600-2000	10	1.5	1200	150	2500	MQ24
MDQ1000	1000	500	100	600-2000	10	1.5	1500	150	2500	MQ24

Electric schematic diagram



Dimensions

