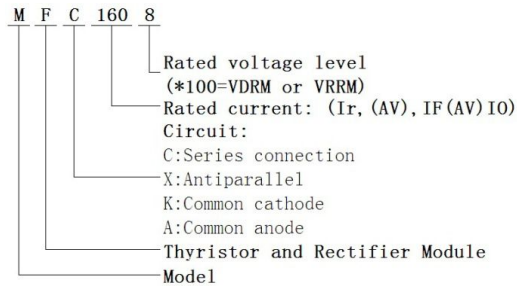


Model and Description



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. If≤350A Air-cooling if≥400A Air-cooling or water-cooling
5. Easy in installation and convenient in use and maintenance.
6. Small & light
7. Welding technique under the protection of vacuum and hydrogen

Applications

1. UPS
2. Light dimmer
3. Welding machine
4. Non-contact switch
5. Converter
6. AC/DC motor controls
7. Industrial heating control
8. Soft start
9. Various rectifying power source
10. Battery charge and discharge

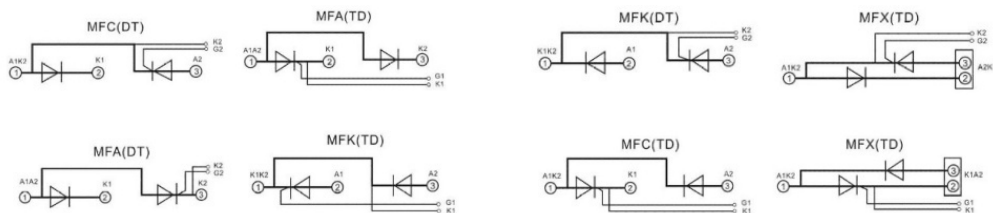
Specification

Type	IT(AV)	VDRM/VRRM	IDRM/IRRM	VTM/ITM		IGT	Vgt	IH	dv/dt	di/dt	ITSMIFS	Tjm	Viso
	A	V	mA	V	A	mA	V	mA	V/μs	A/μs	A*1000	°C	V(AC)
MF□25A	25	400-2600	8	1.69	80	100	2.5	100	800	50	0.55	125	2500
MF□55A	50	400-2600	8	1.69	170	100	2.5	100	800	50	1.25	125	2500
MF□70A	70	400-2600	10	1.9	170	100	2.5	100	800	50	1.60	125	2500
MF□90A	90	400-2600	15	1.9	270	100	2.5	100	800	100	2.00	125	2500
MF□110A	110	400-2600	20	1.9	330	100	2.5	100	800	100	2.40	125	2500
MF□130A	130	400-2600	20	1.9	410	150	2.5	100	800	100	3.80	125	2500
MF□160A	160	400-2600	25	1.9	480	150	2.5	100	800	100	5.40	125	2500
MF□200A	200	400-2600	30	1.9	600	180	2.5	100	800	100	7.20	125	2500
MF□250A	250	400-2600	40	1.9	750	180	2.5	100	800	100	8.50	125	2500
MF□300A	300	400-2600	30	1.9	900	180	2.5	100	800	100	9.30	125	2500
MF□400A	400	400-2600	40	1.9	1050	200	3	100	800	100	14.0	125	2500
MF□500A	500	400-2600	50	1.9	1500	200	3	100	800	100	16.0	125	2500
MF□800A	800	400-2600	50	1.9	2400	200	3	100	800	100	16.0	125	2500
MF□1000A	1000	400-2600	50	1.9	3000	200	3	100	800	100	16.0	125	2500
MF□500A*	500	400-2600	40	1.9	1500	200	3	100	800	100	11.0	125	2500
MF□800A*	800	400-2600	40	1.9	2400	200	3	100	800	100	16.0	125	2500

Note:

1. * means water-cooling module
2. Type MF□ means one of MFC、MFK、MFA and MFX.
3. The parameters are the rated value and characteristics of each thyristor in the module.

Electric schematic diagram



Dimensions

