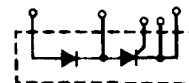


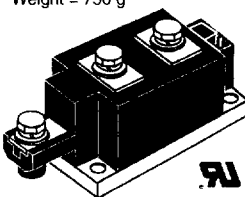
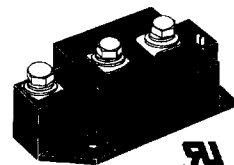
Thyristor / Diode Modules



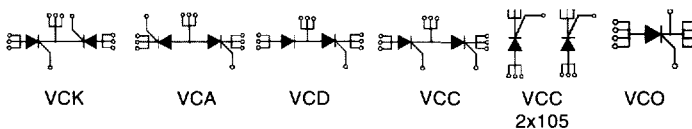
MCD...io1

$I_{TAV} = 221 - 320 \text{ A}$

Type	V_{RRM} V_{DRM} V	I_{TAV} A	T_C °C	I_{TRMS} A	I_{TSM} 45°C 10 ms A	V_{TO} V	r_T m	T_{VJM} °C	R_{thJC} per Chip K/W	R_{thCH} per Chip K/W	Fig. No.	Package style Outline drawings on page 91-100
MCD225-12io1 MCD225-14io1 MCD225-16io1 MCD225-18io1	1200 1400 1600 1800	221	85	400	8000	0.8	0.76	130	0.157	0.04	37	Fig. 36 Weight = 320 g
MCD250-08io1 MCD250-12io1 MCD250-14io1 MCD250-16io1	800 1200 1400 1600	287	85	450	9000	0.85	0.82	140	0.129	0.04	36	Fig. 37 Weight = 750 g
MCD255-12io1 MCD255-14io1 MCD255-16io1 MCD255-18io1	1200 1400 1600 1800	250	85	450	9000	0.8	0.68	130	0.14	0.04	37	
MCD310-08io1 MCD310-12io1 MCD310-14io1 MCD310-16io1 MCD310-18io1	800 1200 1400 1600 1800	320	85	500	9200	0.8	0.82	140	0.112	0.04	36	Fig. 37 Weight = 750 g
MCD312-12io1 MCD312-14io1 MCD312-16io1 MCD312-18io1	1200 1400 1600 1800	320	85	520	9200	0.8	0.68	140	0.12	0.04	37	



Thyristor Modules



▶ VCK 105-06io7 ▶ VCK 105-08io7 ▶ VCK 105-12io7 ▶ VCK 105-14io7 ▶ VCK 105-16io7 ▶ VCK 105-18io7	600 800 1200 1400 1600 1800	105	85	180	2250	0.8	2.4	125	0.26	0.46	25	Fig. 25 ECO-PAC 2 Weight = 24 g See data sheet for pin arrangement
▶ VCA 105-06io7 ▶ VCA 105-08io7 ▶ VCA 105-12io7 ▶ VCA 105-14io7 ▶ VCA 105-16io7 ▶ VCA 105-18io7	600 800 1200 1400 1600 1800	105	85	180	2250	0.8	2.4	125	0.26	0.46		
▶ VCD 105-06io7 ▶ VCD 105-08io7 ▶ VCD 105-12io7 ▶ VCD 105-14io7 ▶ VCD 105-16io7 ▶ VCD 105-18io7	600 800 1200 1400 1600 1800	105	85	180	2250	0.8	2.4	125	0.26	0.46		
▶ VCC 105-06io7 ▶ VCC 105-08io7 ▶ VCC 105-12io7 ▶ VCC 105-14io7 ▶ VCC 105-16io7 ▶ VCC 105-18io7	600 800 1200 1400 1600 1800	105	85	180	2250	0.8	2.4	125	0.26	0.46		
▶ VCC 2x105-06io7 ▶ VCC 2x105-08io7 ▶ VCC 2x105-12io7 ▶ VCC 2x105-14io7 ▶ VCC 2x105-16io7 ▶ VCC 2x105-18io7	600 800 1200 1400 1600 1800	105	85	180	2250	0.8	2.4	125	0.26	0.46		
▶ VCO 180-08io7 ▶ VCO 180-12io7 ▶ VCO 180-14io7 ▶ VCO 180-16io7 ▶ VCO 180-18io7	800 1200 1400 1600 1800	180	85	300	4500	0.8	1.35	125	0.26	0.46		



Data according to IEC 60747 and refer to a single diode unless otherwise stated.