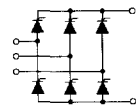
3~ Rectifier Bridges



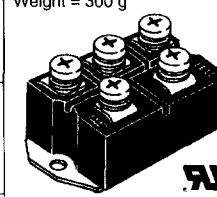
3~ Full Controlled Rectifier Bridges, B6C

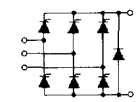
Type ➤ New	V_{RRM} V	V_{VRMS} V	I_{dAV} T_C=100°C A	I_{TSM} 45°C 10 ms A	V_{T0} V	r_T m	T_{VJM} °C	R_{thJC} per Chip K/W	R_{thJH} per Chip K/W	Fig. No.
➤ **VTO 39-06ho7**	600	125	39	200	0.85	27	125	1.3	1.8	24
➤ **VTO 39-08ho7**	800	250	T_C = 85°C							
➤ **VTO 39-12ho7**	1200	400								
VTO 70-08io7	800	250	70	550	0.85	11	125	0.9	1.1	57
VTO 70-12io7	1200	400	T_C = 85°C							
VTO 70-14io7	1400	440								
VTO 70-16io7	1600	500								
VTO 110-12io7	1200	400	110	1150	0.85	6	125	0.65	0.80	55
VTO 110-14io7	1400	440								
VTO 175-12io7	1200	400	167	1500	0.85	3.5	125	0.46	0.55	
VTO 175-14io7	1400	440								
VTO 175-16io7	1600	500								

Package style

Outline drawings on page 91-100

Fig. 55
Weight = 300 g



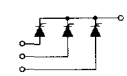


3~ Full Controlled Rectifier Bridge with free wheeling diode, B6CF

VTOF 70-08io7	800	250	70	550	0.85	11	125	0.9	1.1	57
VTOF 70-12io7	1200	400	T_C = 85°C							
VTOF 70-14io7	1400	440								
VTOF 70-16io7	1600	500								

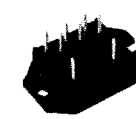
Fig. 57
Weight = 100 g

Fig. 24 ECO-PAC 1
Weight = 19 g
See data sheet for pin arrangement



Three Thyristor Module M3CK

VYK 70-08io7	800	250	I_{FAVM} = 28 A	550	0.85	11	125	0.9	1.1	57
VYK 70-12io7	1200	400								
VYK 70-14io7	1400	440	T_C = 85°C							
VYK 70-16io7	1600	500								



also available with common anode connection

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