

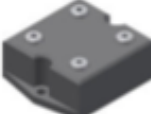
1~ Rectifier Bridges

1~ Rectifier Bridges with Avalanche Diodes, B2U



Type	V _{RRM}	V _{VRMS}	I _{CAV}	@ T _C	I _{FSM} 45°C 10 ms	V _{FO}	r _F	T _{VJM}	R _{thJC}	R _{thJH}	P _{FSM}	Fig. No.	Package style
	V	V	A	°C	A	V	mΩ	°C	K/W	K/W	kW		Outline drawings on pages O-31...O-52
VBO 13-12AO2	1200	400	18	85	220	0.85	17.0	150	5.60	6.00	2.5	X115	 X024a ISOPLUS i4-PAC™  X025a GBFP
VBO 13-16AO2	1600	500											
VBO 20-12AO2	1200	400	31	85	300	0.85	14.0	150	3.00	3.40	3.4		
VBO 20-16AO2	1600	500											
VBO 25-12AO2	1200	400	38	85	370	0.85	8.0	150	2.80	3.20	3.4		
VBO 25-16AO2	1600	500											

1~ Rectifier Bridges with Standard Diodes, B2U

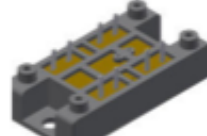
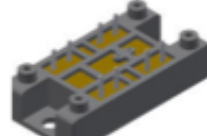
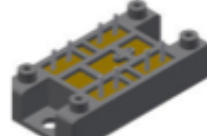
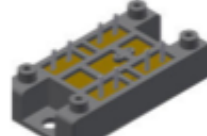
VBO 13-08NO2	800	250	18	85	220	0.85	17.0	150	5.60	6.00	-	X115	 X027a SOT-227B miniBLOC
VBO 13-12NO2	1200	400											
VBO 13-16NO2	1600	500											
FBO 16-12N	1200	400	20	130	150	0.81	32.0	175	3.00	3.20	-	X024a	 X101 ECO-PAC 1
VBO 20-08NO2	800	250	31	85	300	0.85	14.0	150	3.00	3.40	-	X115	
VBO 20-12NO2	1200	400											
VBO 20-16NO2	1600	500											 X115 FO-A
VBO 21-08NO7	800	250	20	115	120	0.84	28.8	150	2.50	2.90	-	X101	
VBO 21-12NO7	1200	400											
VBO 22-08NO8	800	250	14	85	380	0.77	14.2	150	8.00	9.00	-	X116b	 X116b FO-B
VBO 22-12NO8	1200	400											
VBO 22-16NO8	1600	500											
VBO 22-18NO8	1800	575											 X119b PWS-A
GBO 25-12NO1	1200	400	25	105	370	0.74	16.3	175	4.30	4.80	-	X025a	
GBO 25-16NO1	1600	500											
VBO 25-08NO2	800	250	38	85	370	0.85	8.0	150	2.80	3.20	-	X115	 X120b PWS-B
VBO 25-12NO2	1200	400											
VBO 25-16NO2	1600	500											
VBO 30-08NO7	800	250	25	85	400	0.80	12.9	150	4.70	4.80	-	X119b	 X122b PWS-D
VBO 30-12NO7	1200	400											
VBO 30-16NO7	1600	500											
VBO 30-18NO7	1800	575											
VBO 36-08NO8	800	250	18	85	550	0.76	9.1	150	7.00	8.00	-	X116b	
VBO 36-12NO8	1200	400											
VBO 36-16NO8	1600	500											
VBO 36-18NO8	1800	575											
FBO 40-12N	1200	400	40	130	300	0.79	14.0	175	1.50	1.70	-	X024a	
VBO 40-08NO6	800	250	40	115	320	0.81	12.1	150	1.30	1.40	-	X027a	
VBO 40-12NO6	1200	400											
VBO 40-16NO6	1600	500											
VBO 50-08NO7	800	250	45	85	750	0.76	6.9	150	2.70	3.10	-	X120b	
VBO 50-12NO7	1200	400											
VBO 50-16NO7	1600	500											
VBO 50-18NO7	1800	575											
VBO 52-08NO7	800	250	60	115	550	0.78	8.1	150	1.10	1.50	-	X122b	
VBO 52-12NO7	1200	400											
VBO 52-16NO7	1600	500											
VBO 52-18NO7	1800	575											
VBO 54-08NO7	800	250	55	105	300	0.82	12.2	150	1.10	1.50	-	X101	
VBO 54-12NO7	1200	400											
VBO 54-16NO7	1600	500											
VBO 68-08NO7	800	250	70	105	550	0.81	7.8	150	0.90	1.30	-	X101	
VBO 68-12NO7	1200	400											
VBO 68-16NO7	1600	500											
VBO 72-08NO7	800	250	70	110	750	0.78	6.0	150	0.90	1.30	-	X122b	
VBO 72-12NO7	1200	400											
VBO 72-16NO7	1600	500											
VBO 72-18NO7	1800	575											

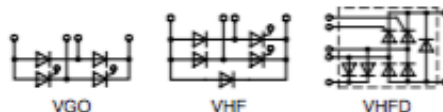
Data according to IEC 60747 and refer to a single diode or thyristor unless otherwise stated.

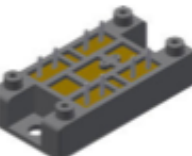
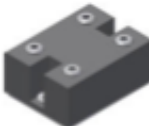
1~ Rectifier Bridges

1~ Rectifier Bridges with Standard Diodes, B2U



Type	V_{RRM}	V_{VRMS}	I_{AV}	θT_C	I_{FSM} 45°C 10 ms	V_{FO}	r_F	T_{VM}	R_{thJC}	R_{thJH}	Fig. No.	Package style Outline drawings on pages O-31...O-52
➤ New	V	V	A	°C	A	V	mΩ	°C	K/W	K/W		
VBO 78-08NO7	800	250	80	115	750	0.81	5.9	150	0.70	1.00	X102	X030a SMPD-B 
VBO 78-12NO7	1200	400										
VBO 78-16NO7	1600	500										
VBO 88-08NO7	800	250	90	115	1000	0.80	4.6	150	0.60	0.90		X101 ECO-PAC 1 
VBO 88-12NO7	1200	400										
VBO 88-16NO7	1600	500										
➤ DLA 100B800LB	800	400	124	80	400	0.75	4.2	175	1.00	1.45	X030a	X102 ECO-PAC 2 
➤ DLA 100B1200LB	1200											
VBO 105-08NO7	800	250	100	100	1500	0.78	4.8	150	0.80	1.10	X121b	See data sheet for pin arrangement. X102 ECO-PAC 2 
VBO 105-12NO7	1200	400										
VBO 105-16NO7	1600	500										
VBO 125-08NO7	800	250	125	105	1800	0.76	3.6	150	0.60	0.90		See data sheet for pin arrangement. X103 V1-A-Pack 
VBO 125-12NO7	1200	400										
VBO 125-16NO7	1600	500										
VBO 130-08NO7	800	250	130	110	1800	0.77	3.4	150	0.50	0.70	X123e	See data sheet for pin arrangement. X103 V1-A-Pack 
VBO 130-12NO7	1200	400										
VBO 130-16NO7	1600	500										
VBO 130-18NO7	1800	575										See data sheet for pin arrangement. X103 V1-A-Pack 
VBO 160-08NO7	800	250	160	110	2800	0.74	2.4	150	0.40	0.55		
VBO 160-12NO7	1200	400										
VBO 160-16NO7	1600	500										See data sheet for pin arrangement. X103 V1-A-Pack 
VBO 160-18NO7	1800	575										



Type	V_{RRM}	V_{VRMS}	I_{AV}	θT_H	I_{TSM} 10 ms, 45°C	V_{TO}	r_T	T_{VM}	R_{thJC}	R_{thJH}	Fig. No.	
	V	V	A	°C	A	V	mΩ	°C	K/W	K/W		
1~ Half Controlled Rectifier Bridges with free wheeling diode, B2HKF												
VHF 15-08io5	800	250	15	85	190	1.00	40.0	125	2.40	3.00	X117a	 X117a FO-F-A
VHF 15-12io5	1200	400										
VHF 15-14io5	1400	440										
VHF 15-16io5	1600	500										
VHF 25-08io7	800	250	32	$T_C = 85^\circ\text{C}$	200	0.85	27.0	125	1.30	1.80	X101	 X121b PWS-C
VHF 25-12io7	1200	400										
VHF 28-08io5	800	250	28	85	300	0.90	15.0	125	1.40	2.00	X117a	
VHF 28-12io5	1200	400										
VHF 28-14io5	1400	440										 X123e PWS-E
VHF 28-16io5	1600	500										
VHF 36-08io5	800	250	36	85	320	0.85	13.0	125	1.15	1.55		
VHF 36-12io5	1200	400										
VHF 36-14io5	1400	440										X103
VHF 36-16io5	1600	500										
VHFD 16-08io1	800	250	16	85	150	1.00	40.0	125	2.40	3.00	X103	
VHFD 16-12io1	1200	400										
VHFD 16-16io1	1600	500										X103
VHFD 29-08io1	800	250	28	85	300	0.90	15.0	125	1.40	2.00		
VHFD 29-12io1	1200	400										
VHFD 29-16io1	1600	500										
VHFD 37-08io1	800	250	36	85	320	0.85	13.0	125	1.20	1.55		X103
VHFD 37-12io1	1200	400										
VHFD 37-16io1	1600	500										
1~ Half Controlled Rectifier Bridge, B2HZ												
VGO 36-16io7	1600	500	36	85	320	0.85	13.0	125	1.40	2.00	X101	