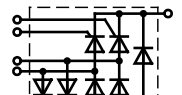
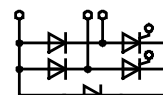
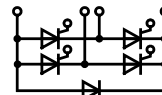
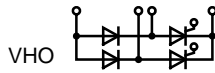
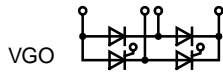
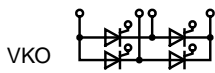


1~ Rectifier Bridges

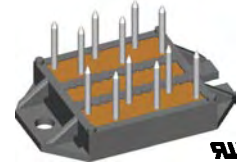


| Type | V_{RRM} | V_{VRMS} | I_{dAV} | @ T_H | I_{FSM} | V_{T0} | r_T | T_{VJM} | R_{thJC} | R_{thJH} | Fig. No. | Package style |
|----------------------|-----------|------------|-----------|---------|-----------|----------|-------|-----------|------------|------------|----------|---------------------------------------|
| ○ Not for new design | V | V | A | °C | A | V | mΩ | °C | per Chip | K/W | | Outline drawings on pages O-30...O-52 |
| ➤ New | | | | | | | | | | | | |

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 |
| VHF 15-12io5 | 1200 | 400 | | | | | | | | | |
| VHF 15-14io5 | 1400 | 440 | | | | | | | | | |
| VHF 15-16io5 | 1600 | 500 | | | | | | | | | |
| VHF 25-08io7 | 800 | 250 | 32 | $T_c = 85^\circ C$ | 200 | 0.85 | 27.0 | 125 | 1.30 | 1.80 | X101 |
| 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 | | | | | | | | | |
| VHF 28-16io5 | 1600 | 500 | | | | | | | | | |
| VHF 36-08io5 | 800 | 250 | 36 | 85 | 320 | 0.85 | 13.0 | 125 | 1.15 | 1.55 | X117a |
| VHF 36-12io5 | 1200 | 400 | | | | | | | | | |
| VHF 36-14io5 | 1400 | 440 | | | | | | | | | |
| VHF 36-16io5 | 1600 | 500 | | | | | | | | | |
| VHF 55-08io7 | 800 | 250 | 53 | 85 | 550 | 0.85 | 11.0 | 125 | 0.90 | 1.10 | X118g |
| VHF 55-12io7 | 1200 | 400 | | | | | | | | | |
| VHF 55-14io7 | 1400 | 440 | | | | | | | | | |
| VHF 55-16io7 | 1600 | 500 | | | | | | | | | |
| VHF 85-12io7 | 1200 | 400 | 82 | 85 | 1150 | 0.85 | 6.0 | 125 | 0.65 | 0.80 | X123d |
| VHF 85-14io7 | 1400 | 440 | | | | | | | | | |
| VHF 125-12io7 | 1200 | 400 | 123 | 85 | 1500 | 0.85 | 3.5 | 125 | 0.46 | 0.55 | X123d |
| VHF 125-14io7 | 1400 | 440 | | | | | | | | | |
| VHF 125-16io7 | 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 16-14io1 | 1400 | 440 | | | | | | | | | |
| VHFD 16-16io1 | 1600 | 500 | | | | | | | | | |
| VHFD 29-08io1 | 800 | 250 | 28 | 85 | 300 | 0.90 | 15.0 | 125 | 1.40 | 2.00 | X103 |
| VHFD 29-12io1 | 1200 | 400 | | | | | | | | | |
| VHFD 29-14io1 | 1400 | 440 | | | | | | | | | |
| 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 37-14io1 | 1400 | 440 | | | | | | | | | |
| VHFD 37-16io1 | 1600 | 500 | | | | | | | | | |

X101 **ECO-PAC 1**
Weight = 19 g

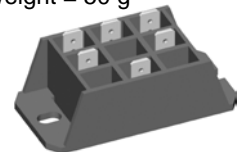


See data sheet for pin arrangement

X103 **V1-A-Pack**
Weight = 35 g



X117a **FO-F-A**
Weight = 50 g



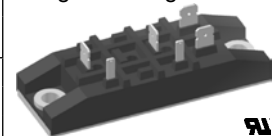
X118e **FO-T-A**
Weight = 100 g



1~ Half Controlled Rectifier Bridge, B2HK

| | | | | | | | | | | | |
|----------------|------|-----|----|----|-----|------|------|-----|------|------|-------|
| ○ VHO 55-08io7 | 800 | 250 | 53 | 85 | 550 | 0.85 | 11.0 | 125 | 0.90 | 1.10 | X118g |
| ○ VHO 55-12io7 | 1200 | 400 | | | | | | | | | |
| ○ VHO 55-14io7 | 1400 | 440 | | | | | | | | | |
| ○ VHO 55-16io7 | 1600 | 500 | | | | | | | | | |

X118g **FO-T-A**
Weight = 100 g



1~ Full Controlled Rectifier Bridge, B2C

| | | | | | | | | | | | |
|----------------|------|-----|----|----|-----|------|------|-----|------|------|-------|
| ○ VKO 55-08io7 | 800 | 250 | 53 | 85 | 550 | 0.85 | 11.0 | 125 | 0.90 | 1.10 | X118e |
| ○ VKO 55-12io7 | 1200 | 400 | | | | | | | | | |
| ○ VKO 55-14io7 | 1400 | 440 | | | | | | | | | |
| ○ VKO 55-16io7 | 1600 | 500 | | | | | | | | | |

1~ Full Controlled Rectifier Bridge, B2CF

| | | | | | | | | | | | |
|----------------|------|-----|----|----|-----|------|------|-----|------|------|-------|
| ○ VKF 55-08io7 | 800 | 250 | 53 | 85 | 550 | 0.85 | 11.0 | 125 | 0.90 | 1.10 | X118e |
| ○ VKF 55-12io7 | 1200 | 400 | | | | | | | | | |
| ○ VKF 55-14io7 | 1400 | 440 | | | | | | | | | |
| ○ VKF 55-16io7 | 1600 | 500 | | | | | | | | | |

X123d **PWS-E**
Weight = 300 g



1~ Half Controlled Rectifier Bridge, B2HZ

| | | | | | | | | | | | |
|--------------|------|-----|----|----|-----|------|------|-----|------|------|------|
| VGO 36-08io7 | 800 | 250 | 36 | 85 | 320 | 0.85 | 13.0 | 125 | 1.40 | 2.00 | X101 |
| VGO 36-12io7 | 1200 | 400 | | | | | | | | | |
| VGO 36-14io7 | 1400 | 440 | | | | | | | | | |
| VGO 36-16io7 | 1600 | 500 | | | | | | | | | |