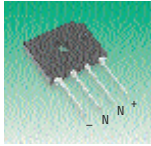


## Single Phase Bridge Rectifiers — continued

### 4A to 10A



I <sub>o</sub> @ 40°C A	I <sub>FSM</sub> A	Mfr.	Series	Body		
				H	W	D
4	200	MC	KBU4...(G)	19.3	23.7	7.2
4	150	GS/MC	GBU4...	18.8	22.3	3.56
4	200	MC	KBU4...	19.3	23.7	7.1
6	250	MC	KBU6...(G)	19.3	23.7	7.2
6	175	GS/MC	GBU6...	18.8	22.3	3.56
6	200	MC	KBU6...	19.3	23.7	7.1
8	300	MC	KBU8...(G)	19.3	23.7	7.2
8	200	GS/MC	GBU8...	18.8	22.3	3.56
10	300	MC	KBU10...	19.3	23.7	7.2

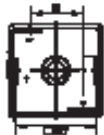
Glass passivated devices offer greater reliability at higher operating temperatures and improved moisture resistance capability. UL approved.

SD216

V <sub>RRM</sub>	Max ac Input Voltage	Mfrs. List No.	Order Code	1+	25+	100+	1K+
<b>4A Series</b>							
100	70	KBU4B	330-7232				
600	420	KBU405	740-160 †				
600	420	KBU4J	330-7268				
800	560	KBU406	740-172 †				
800	560	KBU4K	330-7281				
<b>4A Series, Glass Passivated</b>							
50	35	GBU4A	433-196				
100	70	GBU4B (GS)	234-163				
100	70	GBU4B (MC)	330-7244				
200	140	GBU4D (GS)	234-175				
200	140	GBU4D (MC)	330-7256				
400	280	GBU4G	433-202				
600	420	GBU4J (GS)	234-187				
600	420	GBU4J (MC)	330-7270				
800	560	GBU4K (GS)	234-199				
800	560	GBU4K (MC)	330-7293				
1000	700	GBU4M	234-205				
100	70	KBU402G	572-810				
200	140	KBU403G	572-822				
600	420	KBU405G	572-834				
800	560	KBU406G	572-846				
<b>6A Series</b>							
200	140	KBU6D	330-7311				
600	420	KBU605	740-196				
<b>6A Series, Glass Passivated</b>							
100	70	GBU6B (GS)	234-217				
100	70	GBU6B (MC)	330-7300				
200	140	GBU6D	234-229				
400	280	GBU6G	433-214				
600	420	GBU6J (GS)	234-230				
600	420	GBU6J (MC)	330-7347				
800	560	GBU6K (GS)	433-226				
800	560	GBU6K (MC)	330-7359				
100	70	KBU602G	572-858				
200	140	KBU603G	572-860				
<b>8A Series</b>							
600	420	KBU805	740-240				
<b>8A Series, Glass Passivated</b>							
50	35	GBU8A	433-238				
100	70	GBU8B (GS)	433-240				
100	70	GBU8B (MC)	330-7360				
200	140	GBU8D	234-242				
400	280	GBU8G	433-251				
600	420	GBU8J (GS)	433-263				
600	420	GBU8J (MC)	330-7384				
800	560	GBU8K (GS)	234-254				
800	560	GBU8K (MC)	330-7396				
600	420	KBU805G	572-913				
800	560	KBU806G	572-925 †				
<b>10A Series</b>							
400	280	KBU1004	740-251				

† Available until stocks are exhausted

### 17A



I<sub>o</sub> = 17A @ T<sub>a</sub> = 45°C (0.75°C/W heatsink)  
6.6A @ T<sub>a</sub> = 50°C (5°C/W heatsink)  
I<sub>FSM</sub> = 320A

H = 10, W = 28, D = 28  
Mounting hole = 5.2 dia, Terminals = 6.3 0.8

SD102

**SEMIKRON**  
Innovation | Service

V <sub>RRM</sub>	Max ac Input Voltage	Mfrs. List No.	Order Code	1+	25+	100+
200	80	SKB2502	.371-816			
800	320	SKB2508	.371-828			
1200	380	SKB2512	.371-830			

### 25A/35A



I <sub>o</sub> dc A	@ T <sub>c</sub> °C	@ T <sub>c</sub> = 125°C I <sub>o</sub> dc, A	I <sub>FSM</sub> A	Mfrs. List No.
25	65	13	330	26MB10A-60A
25	65	9	330	26MB80A-120A
35	55	17.5	400	36MB10A-60A
35	55	11.5	400	36MB80A-120A

H = 10.5, W = 29, D = 29

Mounting hole = 5.1 dia, Terminals = 6.3 0.8

International Rectifier

SD103

V <sub>RRM</sub>	Max ac Input Voltage	Mfrs. List No.	Order Code	1+	25+	100+
<b>25A Series</b>						
100	70	26MB10A	.371-841			
200	140	26MB20A	.371-853			
400	280	26MB40A	.371-865			
600	420	26MB60A	.371-877			
800	560	26MB80A	.371-889			
1000	700	26MB100A	.371-890			
1200	840	26MB120A	.371-907			
<b>35A Series</b>						
100	70	36MB10A	.371-919			
200	140	36MB20A	.371-920			
400	280	36MB40A	.371-932			
600	420	36MB60A	.371-944			
800	560	36MB80A	.371-956			
1000	700	36MB100A	.371-968			
1200	840	36MB120A	.371-970			

### 15A/25A/35A/40A/50A



Best value multicom

I<sub>o</sub> = 15A @ T<sub>c</sub> = 55°C I<sub>FSM</sub> = 300A  
I<sub>o</sub> = 25A @ T<sub>c</sub> = 55°C I<sub>FSM</sub> = 300A  
I<sub>o</sub> = 35A @ T<sub>c</sub> = 55°C I<sub>FSM</sub> = 400A  
I<sub>o</sub> = 40A @ T<sub>c</sub> = 55°C I<sub>FSM</sub> = 500A  
I<sub>o</sub> = 50A @ T<sub>c</sub> = 55°C I<sub>FSM</sub> = 500A  
Operating temp. -55°C to +150°C

H (inc. tabs) = 25.4, W/D = 28.7,

Mounting hole = 4.9 dia., Terminals = 6.3 0.8 fast-on

SD162

V <sub>RRM</sub>	Max ac Input Voltage	Order Code	1+	10+	100+	500+	1K+
<b>15A Series</b>							
50	35	330-7402					
100	70	646-787 †					
100	70	330-7414					
200	140	646-799 †					
200	140	330-7438					
400	280	330-7440					
600	420	330-7451					
800	560	646-817 †					
800	500	330-7463					
1000	700	740-275 †					
1000	800	330-7426					
<b>25A Series</b>							
50	35	330-7475					
100	70	482-365 †					
100	70	330-7517					
200	140	330-7530					
400	280	330-7542					
600	420	330-7554					
800	560	482-407 †					
800	500	330-7566					
1000	800	330-7529					
<b>35A Series</b>							
100	70	330-7580					
200	140	330-7608					
400	280	482-444 †					
400	280	330-7610					
600	420	482-456 †					
600	420	330-7621					
800	500	330-7633					
1000	800	330-7591					
<b>40A Series</b>							
200	140	330-7013	1+	25+	100+	1K+	
600	420	330-7025					
1000	800	330-7037					
<b>50A Series</b>							
50	35	330-7049					
200	140	330-7050					
600	420	330-7062					
1000	800	330-7074					

† Available until stocks are exhausted

### Temperature Conversion

