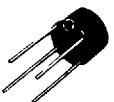



**single phase moulded bridges 0,8 Amp to 1,5 Amp**  
**ponts monophasés moulés 0,8 Amp à 1,5 Amp**

Types	VRRM (V)	VRMS recom- mended max (V)	I <sub>d</sub> on re- sistive load <i>sur charge résistive</i> (A)	Max Fwd Voltage (a) T <sub>a</sub> = 25 °C		I <sub>dsm</sub> / I <sub>fsm</sub> (A)	I <sub>R</sub> per diode @ V <sub>R</sub>		Case
				V <sub>F</sub> (V)	I <sub>o</sub> (A)		25 °C (μA)	125 °C (mA)	


**« FB SERIE » 0,8 AMP**

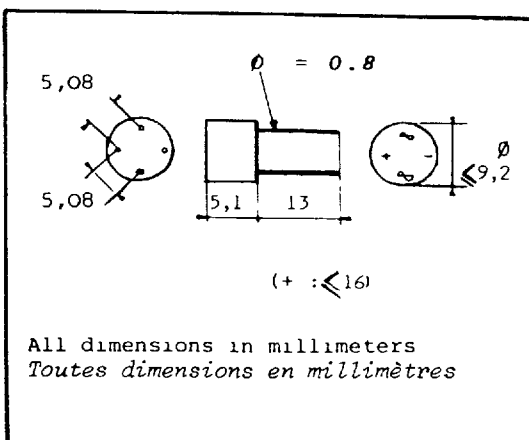
FBD 08 FBH 08	400 800	150 380	0,8 0,8	10 10	0,8 0,8	25 25	10 10	1 1	 CB-198 R

**« FB SERIE » 1 AMP**

FBD 10 FBH 10	400 800	150 380	1 1	10 10	10 10	45 45	10 10	1 1	 CB-198 R

**« FB SERIE » 1,5 AMP**

FBD 15 FBH 15	400 800	150 380	1,5 1,5	10 10	15 15	50 50	10 10	1 1	 CB-198 R

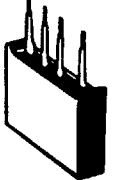


## FACON SEMICONDUCTEURS/SEMICONDUCTORS

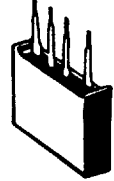
# single phase moulded bridges 3 to 6 Amp ponts monophasés moulés 3 à 6 Amp

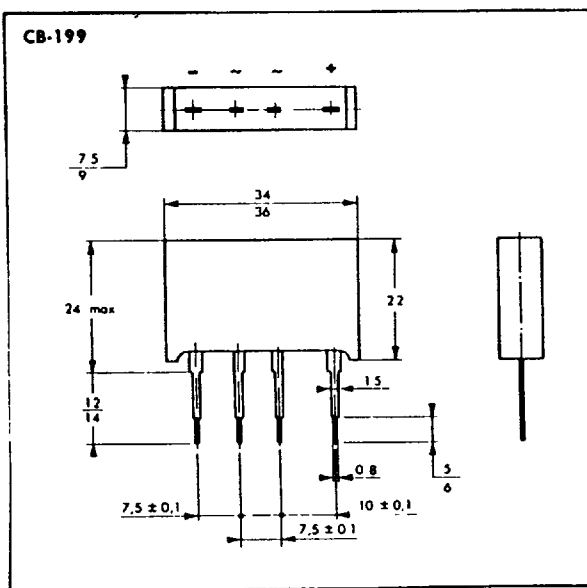
Types	V <sub>RRM</sub> (V)	V <sub>RMS</sub> recom- mended max (V)	I <sub>d</sub> on re- sistive load <i>sur charge résistive</i> (A)	I <sub>d</sub> on ca- pacitive load <i>sur charge capacitive</i> (A)	Max Fwd Voltage (a) T <sub>a</sub> = 25 °C		I <sub>dsm</sub> / I <sub>fsm</sub> (A)	I <sub>R</sub> per diode @ V <sub>R</sub>		R min. ( )	C max. (uF)	Case
					V <sub>F</sub> (V)	I <sub>O</sub> (A)		25 °C (μA)	125 °C (mA)			

3 A / T<sub>amb</sub> = 70 °CT<sub>amb</sub> =  
45 °CT<sub>amb</sub> =  
45 °C

BY 204 115 / B 20 C 3 200/2 200	50	25	4	3.3	12	2.0	150	10	1	0.25	20000	 CB-199
BA 204 115 / B 40 C 3 200/2 200	100	50	4	3.3	12	2.0	150	10	1	0.5	10000	
BB 204 115 / B 80 C 3 200/2 200	200	80	4	3.3	12	2.0	150	10	1	0.8	7000	
BD 204 115 / B 125 C 3 200/2 200	400	150	4	3.3	12	2.0	150	10	1	1.5	5000	
BF 204 115 / B 250 C 3 200/2 200	600	250	4	3.3	12	2.0	150	10	1	2.5	2000	
BH 204 115 / B 380 C 3 200/2 200	800	380	4	3.3	12	2.0	150	10	1	3.5	1000	
	900											

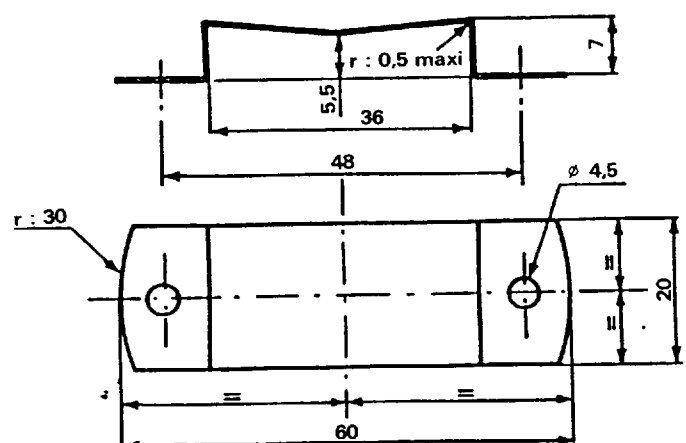
6 A / T<sub>amb</sub> = 25 °CT<sub>amb</sub> =  
25/45 °CT<sub>amb</sub> =  
25/45 °C

BY 38 115 / B 20 C 5 000/3 300	50	25	6/5	5/4	1.1	3	250	10	1	0.25	20000	 CB-199
BA 38 115 / B 40 C 5 000/3 300	100	50	6/5	5/4	1.1	3	250	10	1	0.5	10000	
BB 38 115 / B 80 C 5 000/3 300	200	80	6/5	5/4	1.1	3	250	10	1	0.8	7000	
BD 38 115 / B 125 C 5 000/3 300	400	150	6/5	5/4	1.1	3	250	10	1	1.5	5000	
BF 38 115 / B 250 C 5 000/3 300	600	250	6/5	5/4	1.1	3	250	10	1	2.5	2000	
BH 38 115 / B 380 C 5 000/3 300	800	380	6/5	5/4	1.1	3	250	10	1	3.5	1000	
	900											



Bride de fixation sur châssis réf 12367

échelle 1  
cotes en mm



**moulded single phase bridges 10 A to 35 A**

ponts monophasés moulés 10 A à 35 A

Types	V <sub>RRM</sub> (V)	V <sub>RMS</sub> recom- mended max (V)	I <sub>D</sub> on re- sistive load <i>sur charge résistive</i> (A)	Max Fwd Voltage (a) T <sub>a</sub> = 25 °C		I <sub>dsm</sub> / I <sub>fsm</sub> (A)	I <sub>R</sub> per diode @ V <sub>R</sub>		Use <i>Fonction</i>	Case
				V <sub>F</sub> (V)	I <sub>O</sub> (A)		25 °C (μA)	125 °C (mA)		

**10 A T<sub>case</sub> = 80 °C**

BY 36 933	50	25	10	1.2	5	200	100	1		
BA 36 933	100	50	10	1.2	5	200	100	1		
BB 36 933	200	80	10	1.2	5	200	100	1		
BD 36 933	400	150	10	1.2	5	200	100	1		
BF 36 933	600	250	10	1.2	5	200	100	1		
BH 36 933	800	380	10	1.2	5	200	100	1		
BJ 36 933	1000	410	10	1.2	5	200	100	1		
BL 36 933	1200	440	10	1.2	5	200	100	1		

**15 A T<sub>case</sub> = 75 °C**

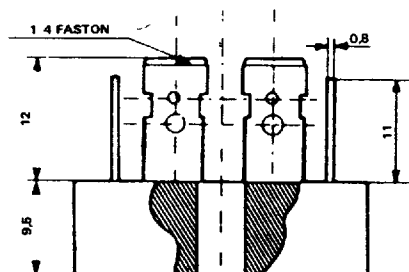
BY 38 933	50	25	15	1.1	7.5	240	100	1		
BA 38 933	100	50	15	1.1	7.5	240	100	1		
BB 38 933	200	80	15	1.1	7.5	240	100	1		
BD 38 933	400	150	15	1.1	7.5	240	100	1		
BF 38 933	600	250	15	1.1	7.5	240	100	1		
BH 38 933	800	380	15	1.1	7.5	240	100	1		
BJ 38 933	1000	410	15	1.1	7.5	240	100	1		
BL 38 933	1200	440	15	1.1	7.5	240	100	1		

**25 A T<sub>case</sub> = 60 °C**

BY 37 933	50	25	25	1.05	12.5	300	100	1		
BA 37 933	100	50	25	1.05	12.5	300	100	1		
BB 37 933	200	80	25	1.05	12.5	300	100	1		
BD 37 933	400	150	25	1.05	12.5	300	100	1		
BF 37 933	600	250	25	1.05	12.5	300	100	1		
BH 37 933	800	380	25	1.05	12.5	300	100	1		
BJ 37 933	1000	410	25	1.05	12.5	300	100	1		
BL 37 933	1200	440	25	1.05	12.5	300	100	1		

**35 A T<sub>case</sub> = 55 °C**

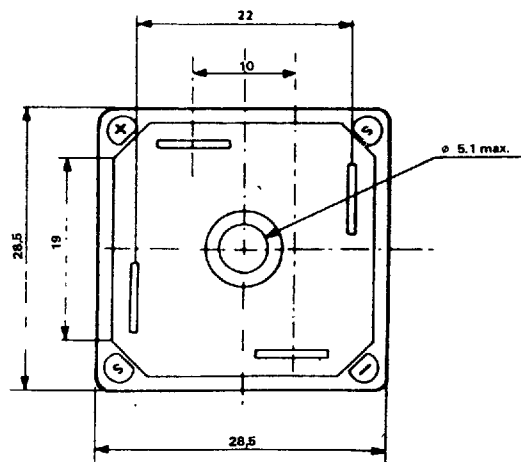
BY 39 933	50	25	35	1.05	17.5	400	100	1		
BA 39 933	100	50	35	1.05	17.5	400	100	1		
BB 39 933	200	80	35	1.05	17.5	400	100	1		
BD 39 933	400	150	35	1.05	17.5	400	100	1		
BF 39 933	600	250	35	1.05	17.5	400	100	1		
BH 39 933	800	380	35	1.05	17.5	400	100	1		
BJ 39 933	1000	410	35	1.05	17.5	400	100	1		
BL 39 933	1200	440	35	1.05	17.5	400	100	1		



Recommended stud torque  
Couple de serrage recommandé : 4 m. N

Marking : type number  
Marquage : n° du type

Weight : 20 g  
Masse



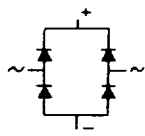

## FACON SEMICONDUCTEURS/SEMICONDUCTORS

## single phase moulded bridges 10 A to 50 Amp

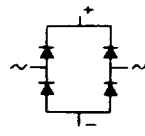

## ponts monophasés moulés 10 A à 50 Amp

Types	V <sub>RRM</sub> (V)	V <sub>RMS</sub> recom- mended max (V)	I <sub>d</sub> on re- sistive load <i>sur charge résistive</i> (A)	Max Fwd Voltage (a) T <sub>a</sub> = 25 °C		I <sub>dsm</sub> / I <sub>fsm</sub> (A)	I <sub>R</sub> per diode @ V <sub>R</sub>		Use  Fonction	Case
				V <sub>F</sub> (V)	I <sub>o</sub> (A)		25 °C (μA)	125 °C (mA)		

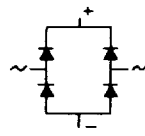

10 A T<sub>case</sub> = 80 °C

BY 36 931	50	25	10	12	5	200	100	1		
BA 36 931	100	50	10	12	5	200	100	1		
BB 36 931	200	80	10	12	5	200	100	1		
BD 36 931	400	150	10	12	5	200	100	1		
BF 36 931	600	250	10	12	5	200	100	1		
BH 36 931	800	380	10	12	5	200	100	1		
BJ 36 931	1000	410	10	12	5	200	100	1		
BL 36 931	1200	440	10	12	5	200	100	1		

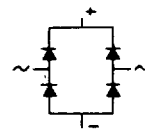

15 A T<sub>case</sub> = 80 °C

BY 38 931	50	25	15	11	7.5	240	100	1		
BA 38 931	100	50	15	11	7.5	240	100	1		
BB 38 931	200	80	15	11	7.5	240	100	1		
BD 38 931	400	150	15	11	7.5	240	100	1		
BF 38 931	600	250	15	11	7.5	240	100	1		
BH 38 931	800	380	15	11	7.5	240	100	1		
BJ 38 931	1000	410	15	11	7.5	240	100	1		
BL 38 931	1200	440	15	11	7.5	240	100	1		

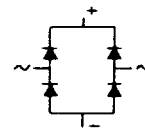

25 A T<sub>case</sub> = 60 °C

BY 37 931 E	50	25	25	10.5	12.5	300	100	1		
BA 37 931 E	100	50	25	10.5	12.5	300	100	1		
BB 37 931 E	200	80	25	10.5	12.5	300	100	1		
BD 37 931 E	400	150	25	10.5	12.5	300	100	1		
BF 37 931 E	600	250	25	10.5	12.5	300	100	1		
BH 37 931 E	800	380	25	10.5	12.5	300	100	1		
BJ 37 931 E	1000	410	25	10.5	12.5	300	100	1		
BL 37 931 E	1200	440	25	10.5	12.5	300	100	1		

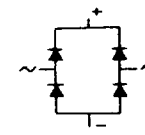

35 A T<sub>case</sub> = 55 °C

BY 39 931	50	25	35	1	17.5	400	100	1		
BA 39 931	100	50	35	1	17.5	400	100	1		
BB 39 931	200	80	35	1	17.5	400	100	1		
BD 39 931	400	150	35	1	17.5	400	100	1		
BF 39 931	600	250	35	1	17.5	400	100	1		
BH 39 931	800	380	35	1	17.5	400	100	1		
BJ 39 931	1000	410	35	1	17.5	400	100	1		
BL 39 931	1200	440	35	1	17.5	400	100	1		

40 A T<sub>case</sub> = 60 °C

BY 41 931	50	25	40	1	20	400	100	1		
BA 41 931	100	50	40	1	20	400	100	1		
BB 41 931	200	80	40	1	20	400	100	1		
BD 41 931	400	150	40	1	20	400	100	1		
BF 41 931	600	250	40	1	20	400	100	1		
BH 41 931	800	380	40	1	20	400	100	1		
BJ 41 931	1000	410	40	1	20	400	100	1		
BL 41 931	1200	440	40	1	20	400	100	1		

50 A T<sub>case</sub> = 60 °C

BY 40 931	50	25	50	1.1	25	500	100	1		
BA 40 931	100	50	50	1.1	25	500	100	1		
BB 40 931	200	80	50	1.1	25	500	100	1		
BD 40 931	400	150	50	1.1	25	500	100	1		
BF 40 931	600	250	50	1.1	25	500	100	1		
BH 40 931	800	380	50	1.1	25	500	100	1		
BJ 40 931	1000	410	50	1.1	25	500	100	1		
BL 40 931	1200	440	50	1.1	25	500	100	1		



**moulded three phase bridges 25 A to 50 A**

ponts triphasés moulés 25 A à 50 A

Types	V <sub>RRM</sub>	V <sub>RMS</sub> recom- mended max	I <sub>d</sub> on re- sistive load <i>sur charge résistive</i>	Max Fwd Voltage (a) T <sub>a</sub> = 25 °C		I <sub>dsm</sub> / I <sub>fsm</sub>	I <sub>R</sub> per diode @ V <sub>R</sub>		Use <i>Fonction</i>	Case
				V <sub>F</sub>	I <sub>o</sub>		25 °C	125 °C		
	(V)	(V)	(A)	(V)	(A)	(A)	(μA)	(mA)		



**25 A  $T_{\text{case}} = 60^\circ\text{C}$**

GY 37 931	50	25	25	1	8	400	100	1
GA 37 931	100	50	25	1	8	400	100	1
GB 37 931	200	80	25	1	8	400	100	1
GD 37 931	400	150	25	1	8	400	100	1
GF 37 931	600	250	25	1	8	400	100	1
GH 37 931	800	380	25	1	8	400	100	1
GJ 37 931	1000	410	25	1	8	400	100	1
GL 37 931	1200	440	25	1	8	400	100	1



CB-237

**35 A  $T_{\text{case}} = 55^\circ\text{C}$**

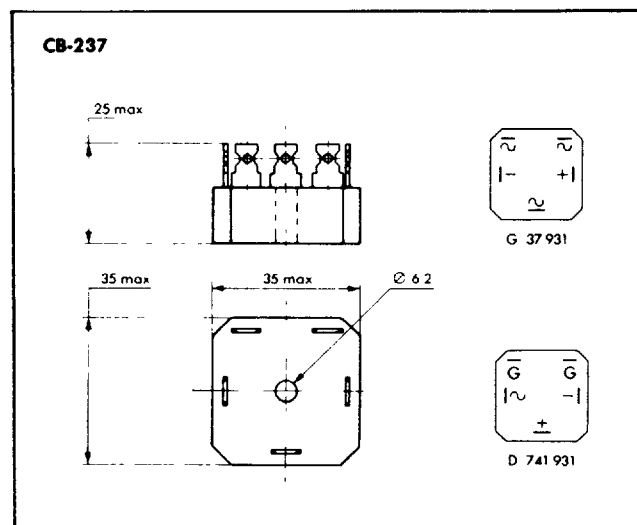
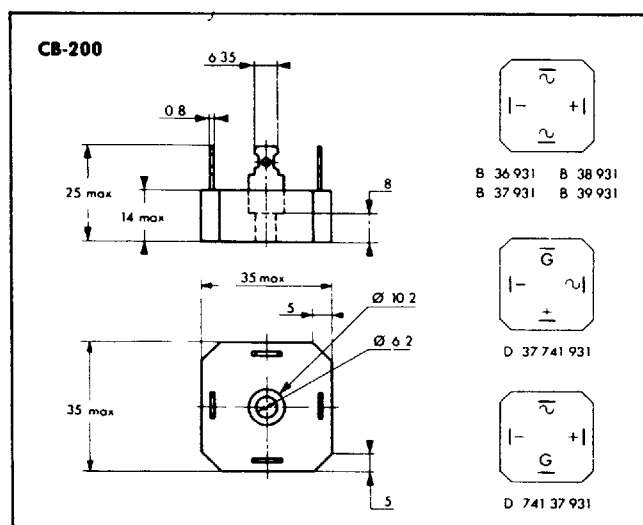
GY 39 931	50	25	35	1	12	400	100	1		
GA 39 931	100	50	35	1	12	400	100	1		
GB 39 931	200	80	35	1	12	400	100	1		
GD 39 931	400	150	35	1	12	400	100	1		
GF 39 931	600	250	35	1	12	400	100	1		
GH 39 831	800	380	35	1	12	400	100	1		
GJ 39 931	1000	410	35	1	12	400	100	1		
GL 39 931	1200	440	35	1	12	400	100	1		

**50 A  $T_{\text{case}} = 60^\circ\text{C}$**

GY 40 931	50	25	50	1	17	400	100	1
GA 40 931	100	50	50	1	17	400	100	1
GB 40 931	200	80	50	1	17	400	100	1
GD 40 931	400	150	50	1	17	400	100	1
GF 40 931	600	250	50	1	17	400	100	1
GH 40 931	800	380	50	1	17	400	100	1
GJ 40 931	1000	410	50	1	17	400	100	1
GL 40 931	1200	440	50	1	17	400	100	1

CB-237



**Dimensions in millimeters**