

fast recovery rectifier diodes < 100 A

diodes de redressement rapide < 100 A



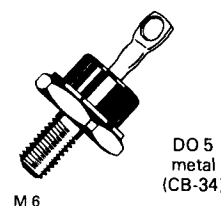
Types	I _O (A)	V _{RRM} (V)	I _{FSM} 10 ms (A)	V _F / I _F max (V) (A)	I _R /V _{RRM} max (mA)	t _{rr} (1) max (ns)	Case
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60 A / T_{case} = 90°C T_j = 165°C I²t = 3200 A² s

ESM 243- 50, (R) ESM 243-100, (R) ESM 243-200, (R) ESM 243-300, (R) ESM 243-400, (R)	60	50 100 200 300 400	800	1,5 60	10 T _j = 100°C	100	
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60 A / T_{case} = 90°C T_j = 165°C I²t = 3200 A² s

ESM 244- 50, (R) ESM 244-100, (R) ESM 244-200, (R) ESM 244-300, (R) ESM 244-400, (R) ESM 244-500, (R) ESM 244-600, (R)	60	50 100 200 300 400 500 600	800	1,5 60	6 T _j = 100°C	200	
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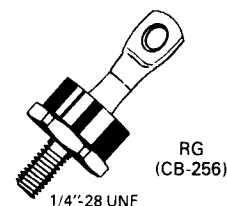


60 A / T_{case} = 90°C T_j = 165°C I²t = 3200 A² s

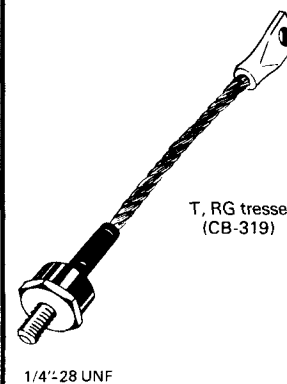
ESM 245- 600, (R) ESM 245- 800, (R) ESM 245-1000, (R)	60	600 800 1000	800	1,5 60	6 T _j = 100°C	500	
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60 A / T_{case} = 60°C T_j = 125°C I²t = 4000 A² s

RG 602 F, (R) RG 604 F, (R) RG 606 F, (R) RG 608 F, (R) RG 610 F, (R)	60	200 400 600 800 1000	900	1,65 150	10 T _j = 100°C	500	
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RG 602 FT, (R) RG 604 FT, (R) RG 606 FT, (R) RG 608 FT, (R) RG 610 FT, (R)	60	200 400 600 800 1000	900	1,65 (2) 150	10 T _j = 100°C	500	
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(1): t_{rr} test conditions
Conditions de mesure du t_{rr}: I_F = 1 A V_R = 30 V di_F/dt = - 15 A/μs I_{rr} = 0,2 I_{RM}

(2): Measured without braid voltage drop.
Mesuré directement aux bornes de la diode.

Type number : cathode to case.
Type number + suffix R : anode to case.

N° de type : cathode au boîtier.
N° de type + suffixe R : anode au boîtier.