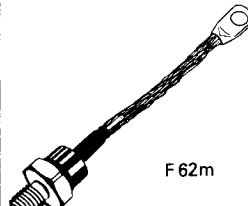
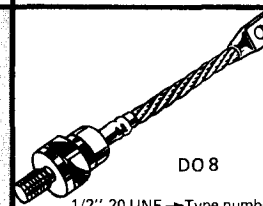
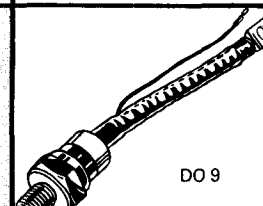


fast recovery rectifier diodes ≥ 100 A

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 max / V_{RRM} @ T_j max (mA)	Q_R max (μC)	Case
100 A / $T_{case} = 60^\circ C$ $T_j = 125^\circ C$ $I^2 t = 11\,500\, A^2 s$						$I_F = 50\, A$ $T_j = 100^\circ C$ $di/dt = -20\, A / \mu s$	
KU 1002 F, (R) KU 1003 F, (R) KU 1004 F, (R) KU 1006 F, (R) KU 1008 F, (R) KU 1010 F, (R) KU 1012 F, (R) KU 1014 F, (R) KU 1015 F, (R)	100	200 300 400 600 800 1000 1200 1400 1500	1500	1,6 300	205	22	 F 62m
120 A / $T_{case} = 65^\circ C$ $T_j = 125^\circ C$ $I^2 t = 5\,000\, A^2 s$ for high frequency operation						$I_F = 100\, A$ $T_j = 100^\circ C$ $di/dt = -50\, A / \mu s$	
N BYT 75-200 (R)* N BYT 75-400 (R)* N BYT 75-500 (R)* N BYT 75-600 (R)*	120	200 400 500 600	1000	1,4 120	30	4	1/2"-20 UNF → Type number + suffix K M 12 → Type number + suffix M
150 A / $T_{case} = 95^\circ C$ $T_j = 150^\circ C$ $I^2 t = 45\,000\, A^2 s$						$I_F = 50\, A$ $T_j = 125^\circ C$ $di/dt = -10\, A / \mu s$	
SV 1502 F, (R) SV 1504 F, (R) SV 1506 F, (R) SV 1508 F, (R) SV 1510 F, (R) SV 1512 F, (R) SV 1514 F, (R)	150	200 400 600 800 1000 1200 1400	3000	1,6 450	20	35	 DO 8 1/2"-20 UNF → Type number + suffix K M 12 → Type number + suffix M
220 A / $T_{case} = 95^\circ C$ $T_j = 150^\circ C$ $I^2 t = 125\,000\, A^2 s$						$I_F = 200\, A$ $T_j = 125^\circ C$ $di/dt = -20\, A / \mu s$	
TV 2202 F, (R) TV 2204 F, (R) TV 2206 F, (R) TV 2208 F, (R) TV 2210 F, (R) TV 2212 F, (R) TV 2214 F, (R) TV 2215 F, (R)	220	200 400 600 800 1000 1200 1400 1500	5000	1,6 750	40	70	 DO 9 3/4"-16 UNF → Type number + suffix K M 16 x 2 → Type number + suffix M
Type number : cathode to case. N° de type : cathode au boîtier. Type number + suffix R : anode to case. N° de type + suffix R : anode au boîtier. * New designation of ESM 675-200 (R) → 600 (R) series Nouvelle appellation de la série ESM 675-200 (R) → 600 (R)							N : New product. Nouveau produit. $T_j = 100^\circ C$