

Rectifier Diode D400



Technical Data

Typical applications :All purpose high power rectifier diodes, Non-controllable and half controlled rectifiers .

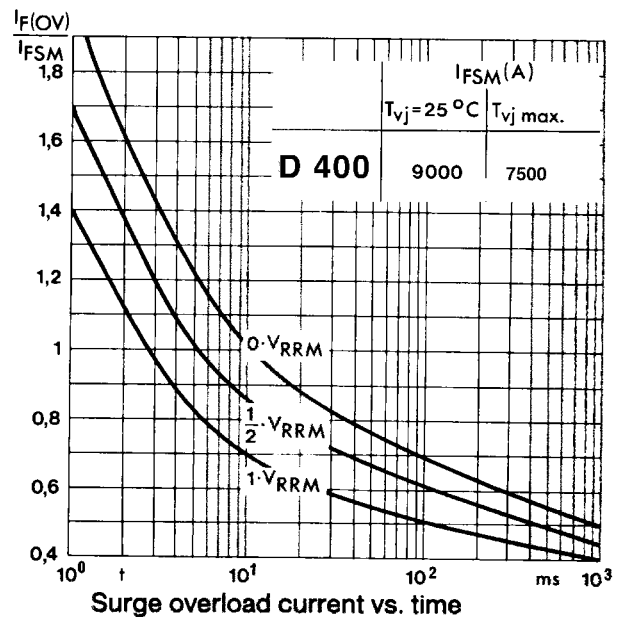
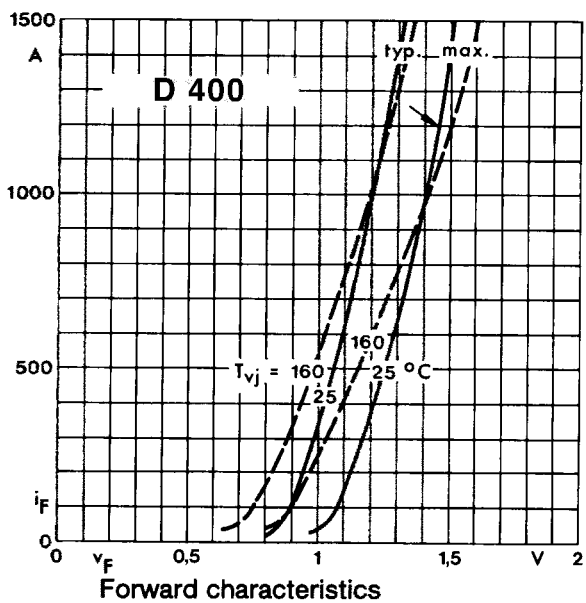
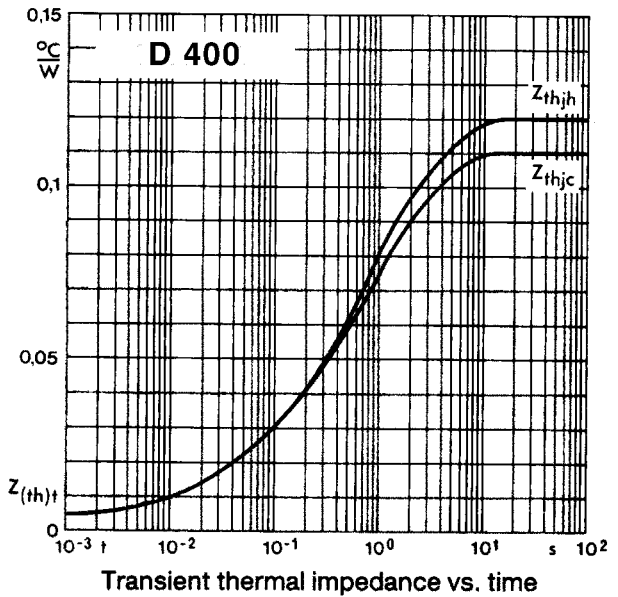
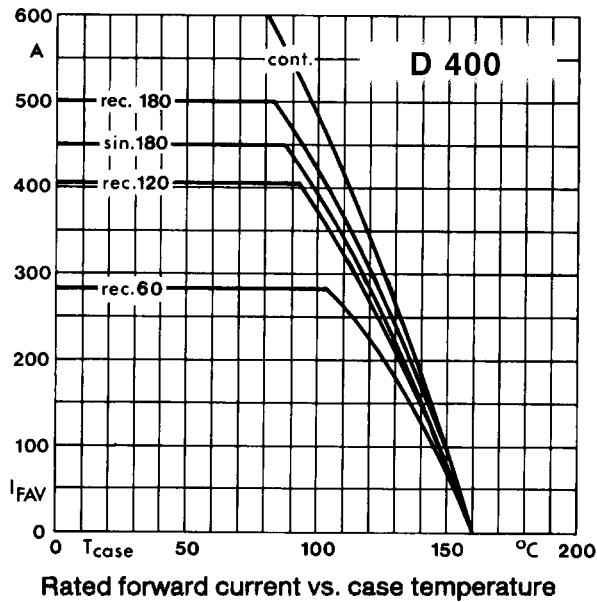
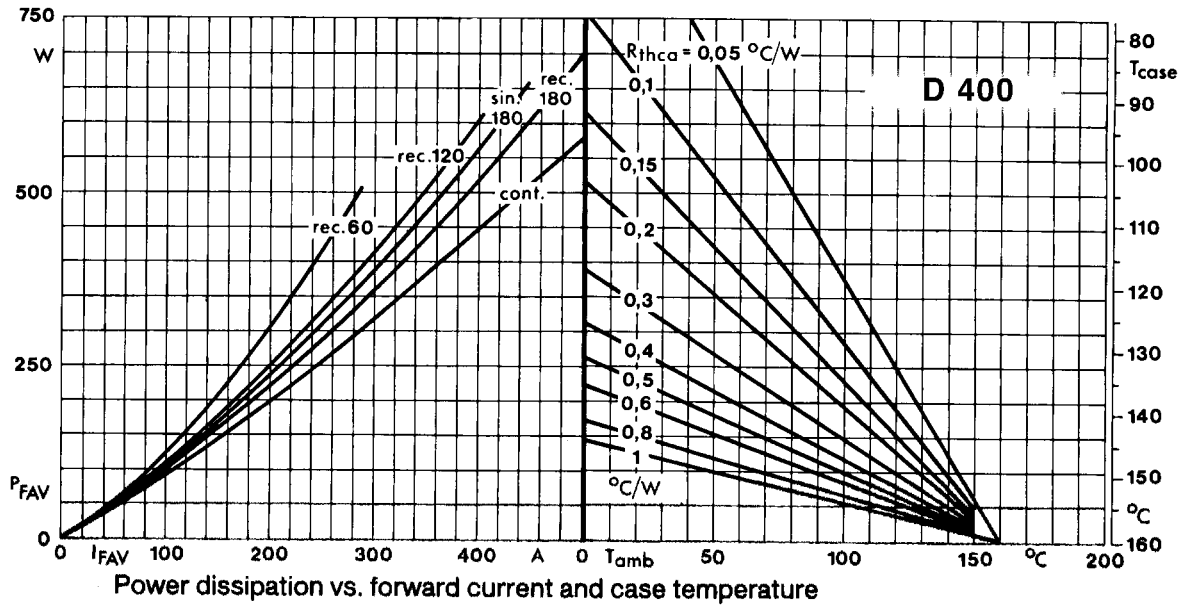
Type No.	V_{RRM} (Volts)	V_{RSM} (Volts)
D400/04	400	500
D400/08	800	900
D400/12	1200	1300
D400/16	1600	1700

Features

- Reverse voltage upto 1600V.
- Hermatic glass to metal seal
- C : Cathode to stud
- A : Anode to stud

Symbol	Conditions	Values
$I_{F(AV)}$	Sin 180 ; Tcase = 100 °C	400 A
I_{FSM}	Tvj = 25 °C ; 10 ms	9000 A
	Tvj = 180 °C ; 10 ms	7500 A
I^2t	Tvj = 25 °C	400000 A ² s
	Tvj = 180 °C	280000 A ² s
I_{RRM}	Tvj = 180 °C	100 mA max
V_F	Tvj = 25 °C ; $I_F = 1200$ A	1.45 V max
V_0	Tvj = 180 °C	0.90 V
R_0	Tvj = 180 °C	0.50 m
$R_{th(j-c)}$		0.11 °C/W
$R_{th(c-h)}$		0.01 °C/W
T_{vj}		180 °C
T_{stg}		-40.....+ 180 °C
Mounting torque	SI units	60Nm / 15Nm/bolt
Weight	Approx	350g / 500g
Case outline		Z / S





PACAKAGE DEATILS

DO NOT SCALE

All Dimensions in mm

