



High-power Welding Diodes



APPLICATION:

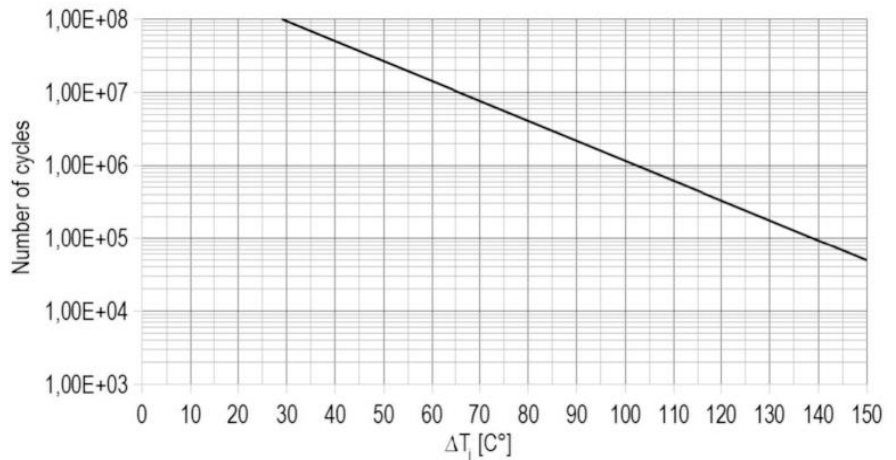
- medium-frequency welding equipment

FEATURES:

- industrial standard packages
- increased average current
- low on-state losses and reverse recovery losses
- improved high-load electrical and thermal cycling capability

BENEFITS:

- highest reliability



MAIN PARAMETERS:

Product	Design	V _{RRM} V	I _{RRM} mA	I _{FAV} (T _c) A (°C)	I _{FSM} (T _{jmax} , 10 ms) kA	V _{F(TD)} V	r _T mOhm	T _{jmax} °C	R _{thjc} °C/W	Ømax./ Øcontact/ height mm/mm/mm
D053-7100-4	Disc housing	200÷400	50	7100 (89)	55	0,75	0,029	170	0,0090	61/44,4/8,5
D063-11500-4		200÷400	50	11500 (82)	85	0,73	0,026	180	0,0058	76/57/8
D056-9500-4	Disc housingless	200÷400	50	9500 (112)	70	0,74	0,030	180	0,0050	56/50/5
D066-12500-4		200÷400	50	12500 (106)	85	0,72	0,026	180	0,0039	65/58/5
D166-12500-4		200÷400	50	12500 (102)	85	0,72	0,026	180	0,0041	63,5/58/5