

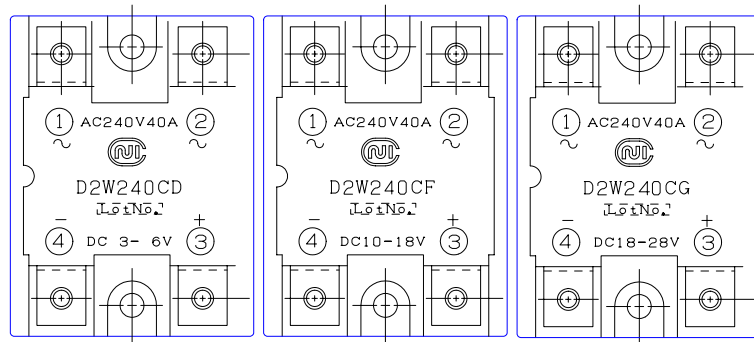
SSR
120/240V 40A (RMS)
Zero crossing Models
D2W140CD D2W240CD
D2W140CF D2W240CF
D2W140CG D2W240CG

Futures

- * Large capacity(40Arms) in spite of the standard package.
- * Low Noise Switching and Rush Current

Function

- * Single Pole, Single Throw Normally Open
- * With Zero Crossing Voltage Switching Circuit



Characteristics and Ratings

Parameter	Symbol	Characteristics / Ratings						Unit
		D2W140CD	D2W140CF	D2W140CG	D2W240CD	D2W240CF	D2W240CG	

Output

Rated Voltage	V _(RMS)	120	240	V
A.C. Line Voltage Range	V _(RMS)	60 to 140	60 to 280	V
Operating Frequency	f	47 to 63		HZ
Maximum Load Current	I _{T(RMS)}	40		A
Non-repetitive One Cycle Surge Current	I _{TSM}	400		A
Minimum Operating Current	I _{op(RMS)}	120		mA
Maximum off-state Leakage Current	I _{leak(RMS)}	2.0 (@120Vrms)	4.0 (@240Vrms)	mA
Maximum on-sate Voltage Drop	V _{TI(RMS)}	1.6		V
Response Time	T _(rds)	1/2 Cycle + 1mS		-

Input

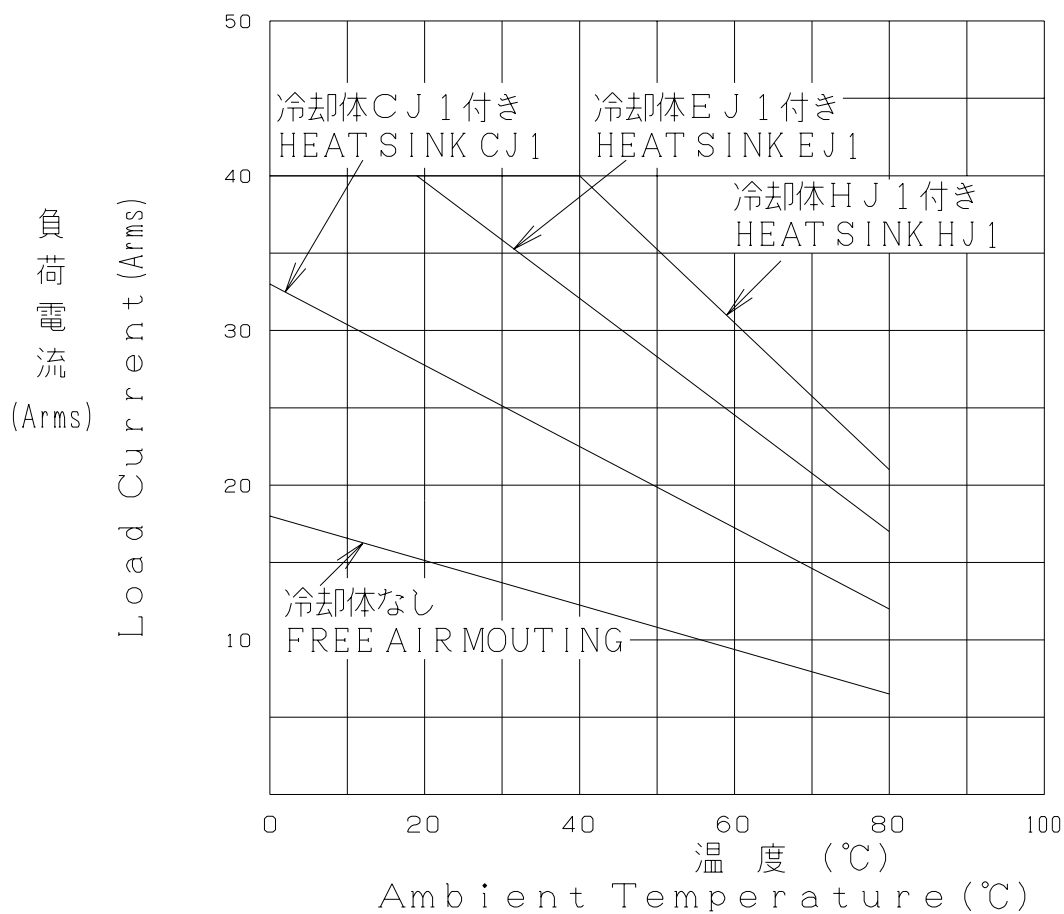
Control Signal Voltage Range	$I_{IN(DC)}$	3 to 6	10 to 18	18 to 28	3 to 6	10 to 18	18 to 28	V
Input Impedance	$R_{(IN)}$	260	860	1360	260	860	1360	ohm
Pick-up Voltage	PUV	3.0	10.0	18.0	3.0	10.0	18.0	V
Drop-out Voltage	DOV	1.0						V

Input/Output

AC Isolation Voltage (Between Input , Output Terminals and Base)	$V_{iso(RMS)}$	1500						V
Capacitance (Between input and output)	$C_{(i-o)}$	100						pF
Operating Temperature Range	T_{op}	-20 to +80						°C
Storage Temperature Range	T_{sig}	-25 to +85						°C

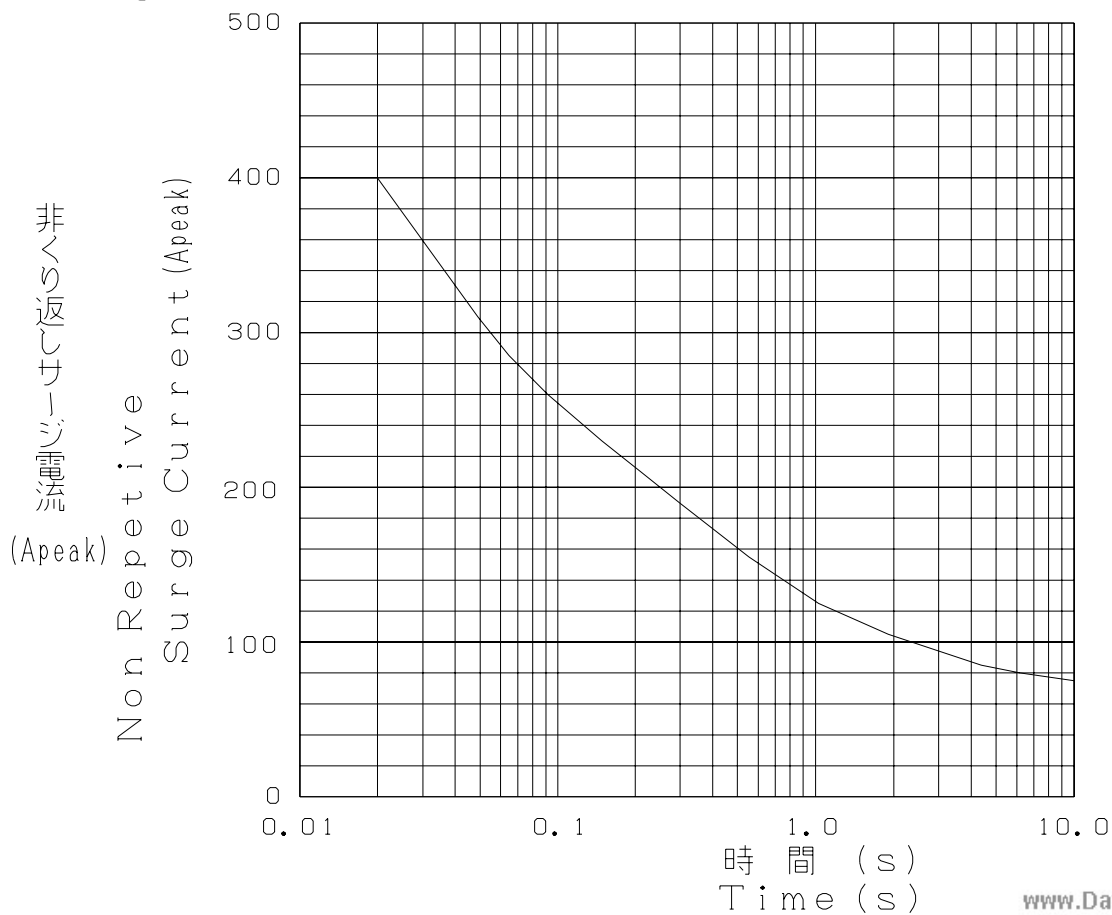
負荷低減曲線

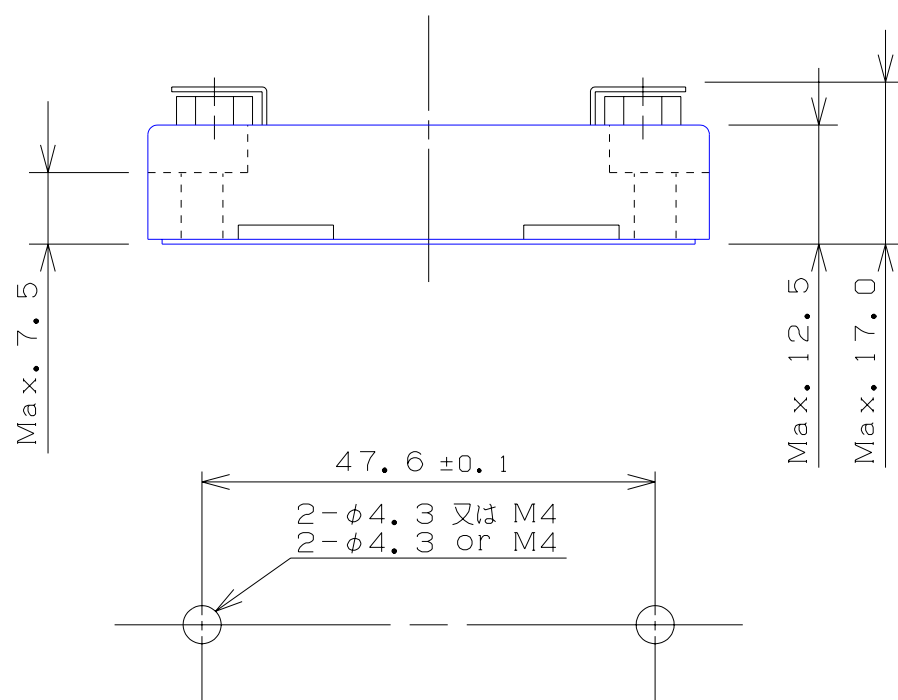
Use of Thermal Curves



サージ電流耐量曲線

Surge Current vs Duration





極端子ネジ M4×8 4 pcs/1袋 添付
taced. TERMINAL SCREW M4×8; 4 pcs/1 PACKAGE

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