

SSR

120/240V 40A (RMS)

Non-Zero crossing Models

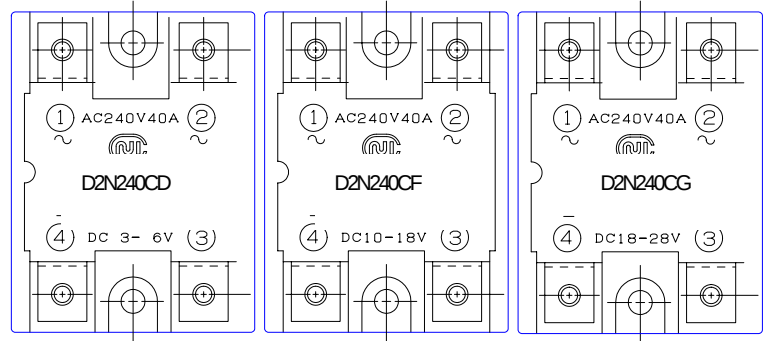
D2N140CD D2N240CD
D2N140CF D2N240CF
D2N140CG D2N240CG

Futures

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

Function

- * Single Pole, Single Throw Normally Open



Characteristics and Ratings

Parameter	Symbol	Characteristics / Ratings						Unit
		D2N140CD	D2N140CF	D2N140CG	D2N240CD	D2N240CF	D2N240CG	

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 _(tps)	1/2 Cycle + 1mS		-

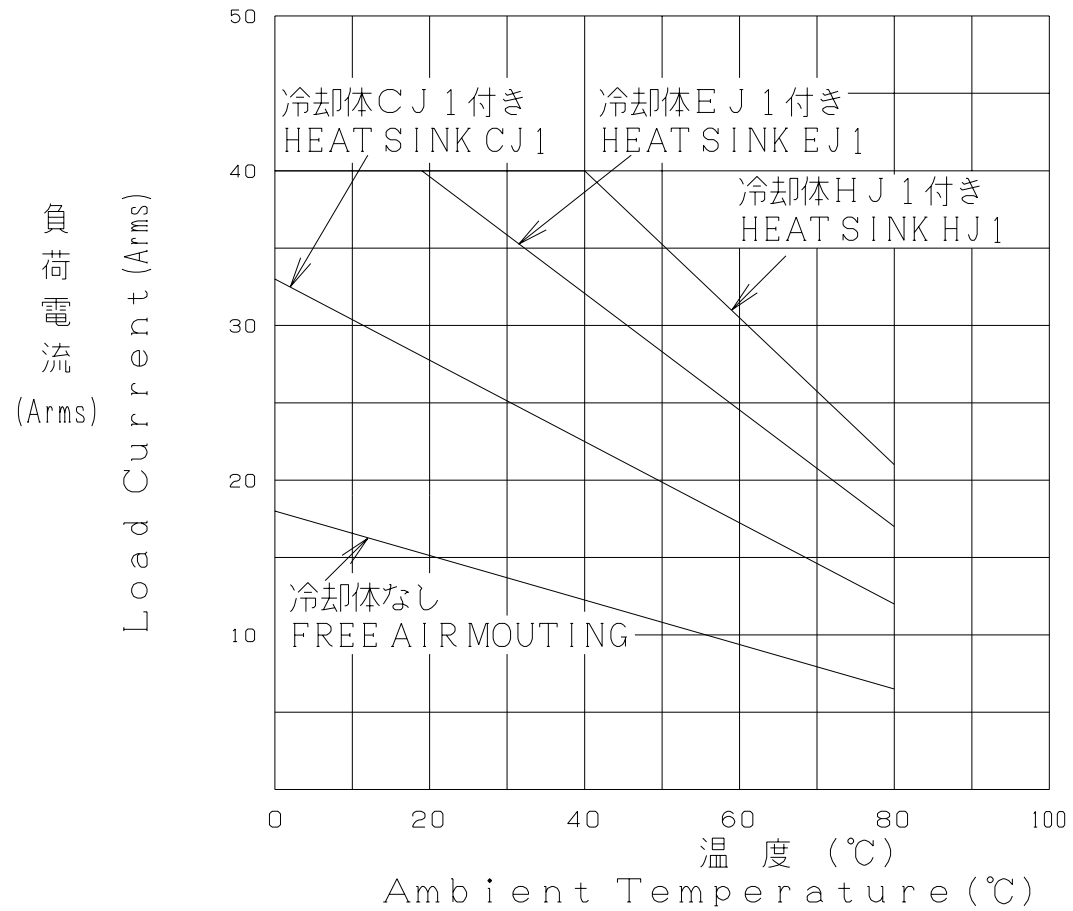
Input

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

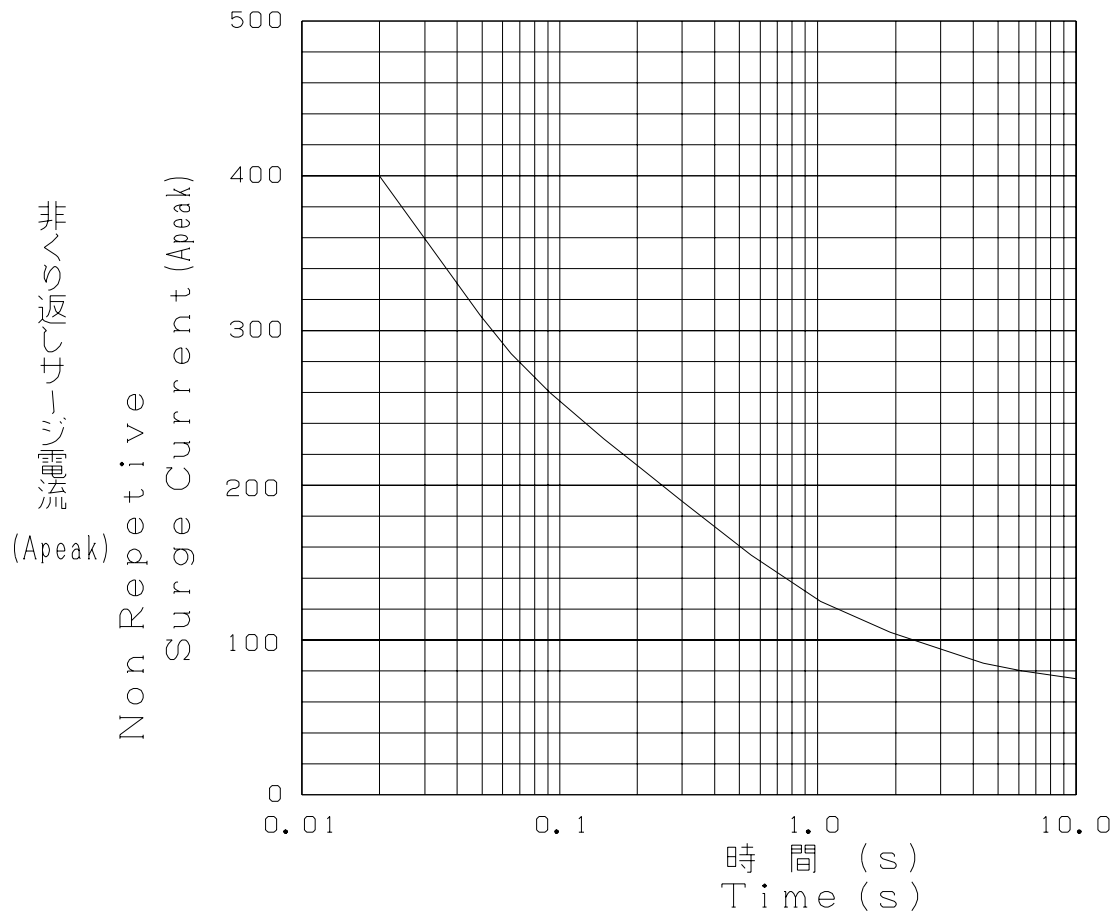
Input/Output

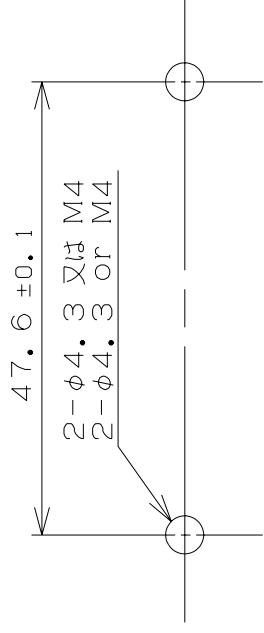
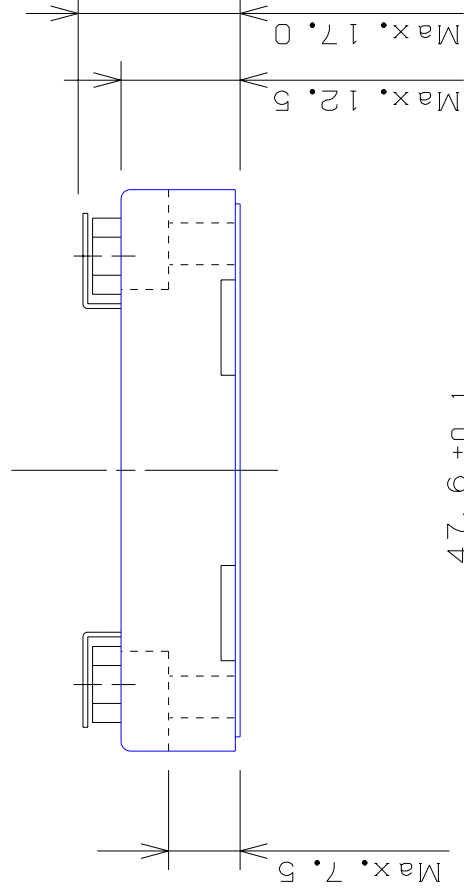
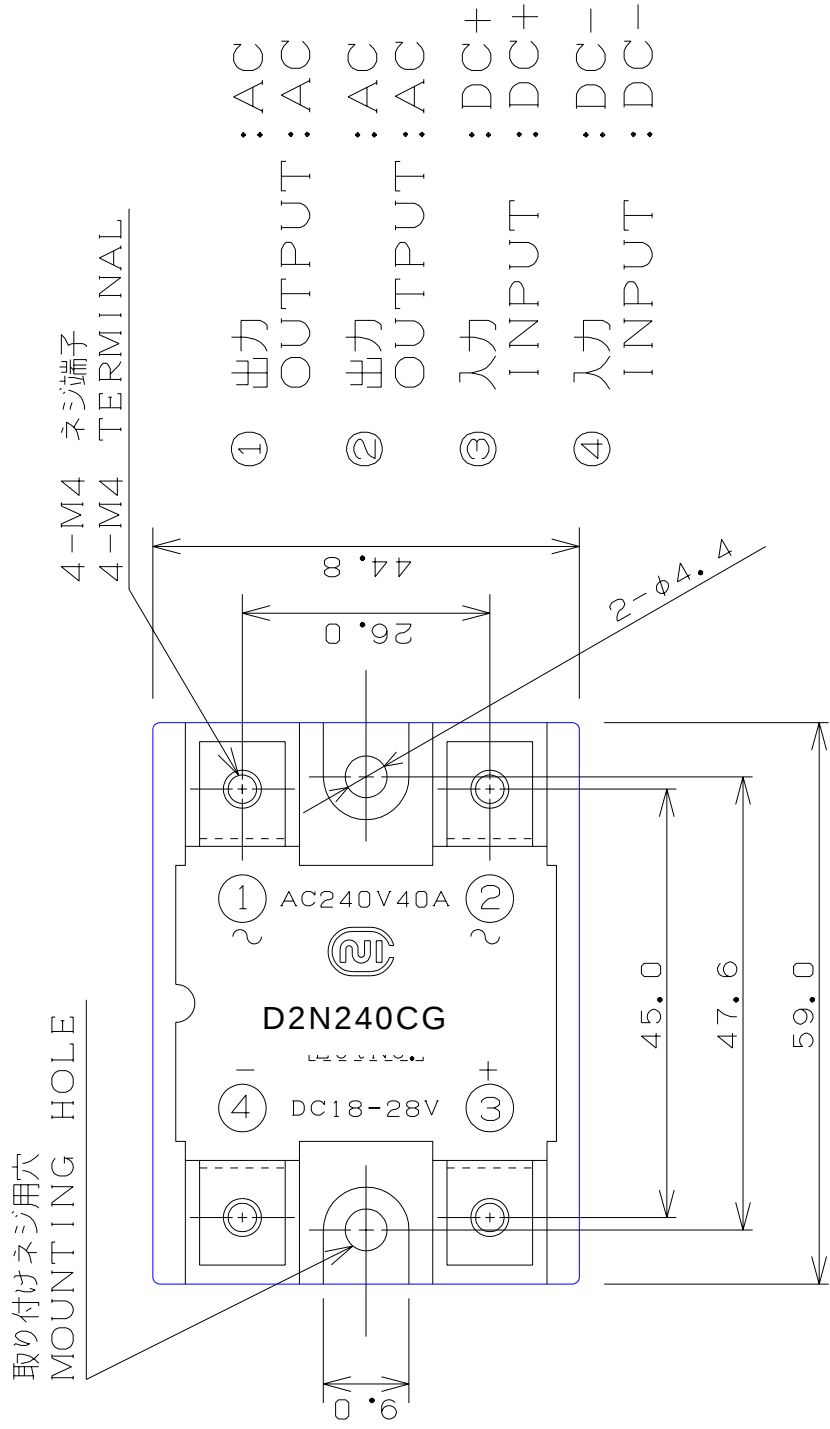
AC Isolation Voltage (Between Input , Output Terminals and Base)	$V_{iso(RMS)}$	1500						V
Capacitance (Between input and output)	$C_{(i-o)}$	100						pF
Operating Temperature Range	T_{op}	-20 to +80						°C
Storage Temperature Range	T_{stg}	-25 to +85						°C

負荷低減曲線
Use of Thermal Curves



サージ電流耐量曲線
Surge Current vs Duration





取り付け穴加工図
MOUNTING DIMENSION

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

定なき寸法公差は、±0.5とする
TOLERANCES (UNLESS, OTHERWISE, NOTE) : ±0.5