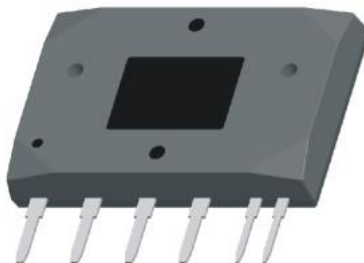




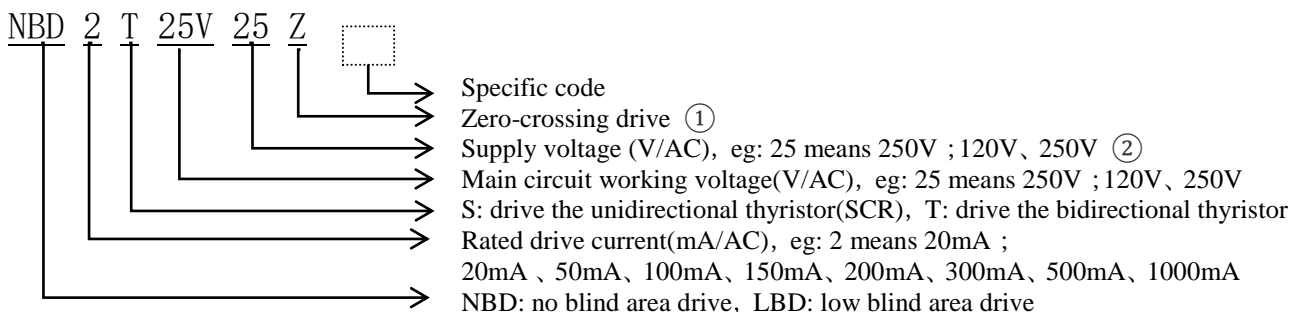
The N(L) BD-Series: Thyristor Drive Devices



General:

The N (L) BD series are innovative products that have been developed to replace electronic high voltage switches (3080, etc.), as well as the replacement of the triggering by pulse transformers. The unreliability of the electronic high voltage switches with ordinary thyristors and the enormous energy consumption, low price-performance ratio, large building volume and non-functional areas are avoided. These new products are characterized by the absence of high-frequency interference, high reliability, small construction volume, low energy consumption and the occurrence of no (N version) or less (L version) non-functional areas.

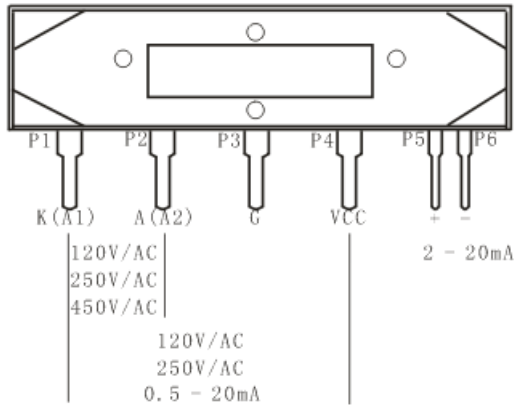
Product Code:



Note: ①②indicates this parameter can be null, when ② is null, P2, P4 need to input the operating current 0.1mA - 20mA (AC or DC), when use DC power supply and drive the unidirectional thyristor (silicon controlled rectifier), P4 is + relative to P2, when use DC power supply and drive the bidirectional thyristor, P4 is - relative to P2).



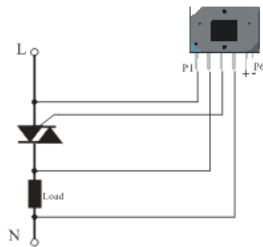
Pin Definition Diagram:



Note:

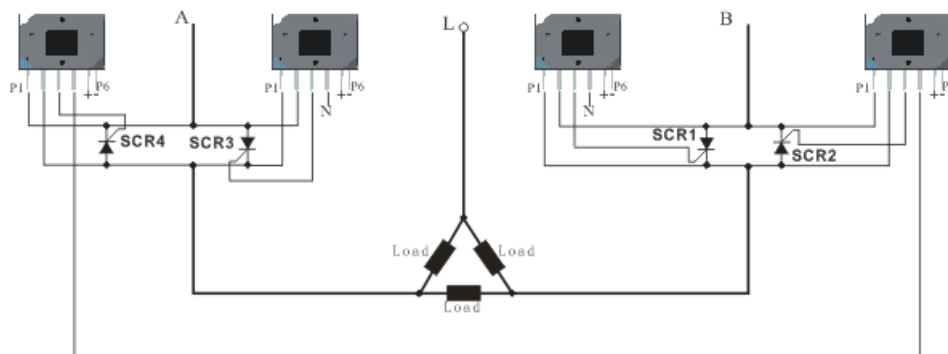
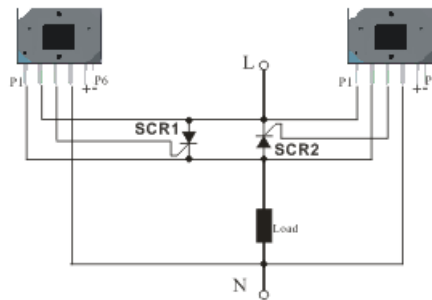
If VCC is to be connected to a 380V operating voltage, the VCC pins can be used by two devices which are otherwise supplied with a voltage of 250V. When using the current control mode, the VCC pin is connected via the current limiting element (resistor or capacitor).

Wiring Diagram:

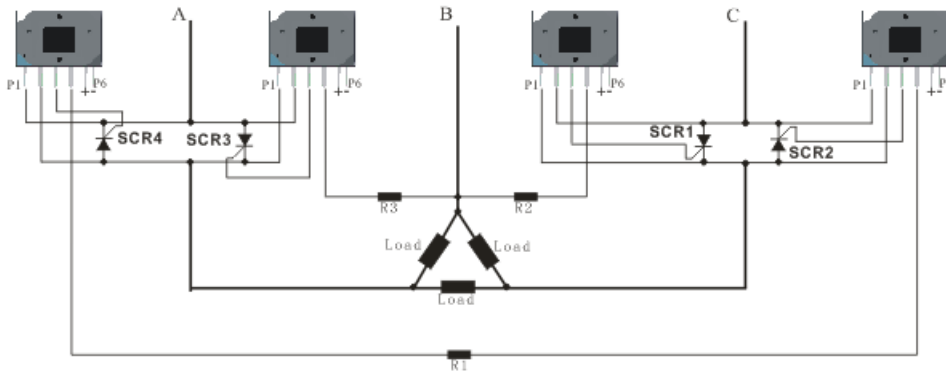


Note:

Only after this work device is power on 1s, P5, P6 can input the control signal, otherwise the device will not output the drive signal.



实例三



实例四

Construction Size:

Ref.	Dimensions			
	Millimeters		Inches	
	Min.	Max.	Min.	Max.
A	4.50	4.90	0.177	0.193
B	1.10	1.30	0.043	0.051
C	28.30	28.70	1.114	1.130
D	18.80	19.20	0.740	0.756
E	6.80	7.20	0.268	0.283
F	2.44	2.64	0.096	0.104
G	4.88	5.28	0.192	0.208
H	0.90	1.10	0.035	0.043
J	1.90	2.10	0.075	0.083
K	0.55	0.65	0.022	0.026
L	0.25	0.35	0.010	0.014

