

PSCR-3L Three phase SCR trigger board instruction

1、 Product features

Strong trigger technology of phase-locked loop of 6 pulse transformer can be opened quickly to avoid heating of thyristor

Imported 32-bit ARM microcontroller, full chip imported device

Computer correction linear control, input and output linearity

Output voltage 0-380v, no dead zone, applicable resistance, transformer inductive load

Input 4-20mA / 0-10V / 1-10V / 1-5V / 0-5V / potentiometer

220 V control power supply, built-in surge protection, wide voltage applicable

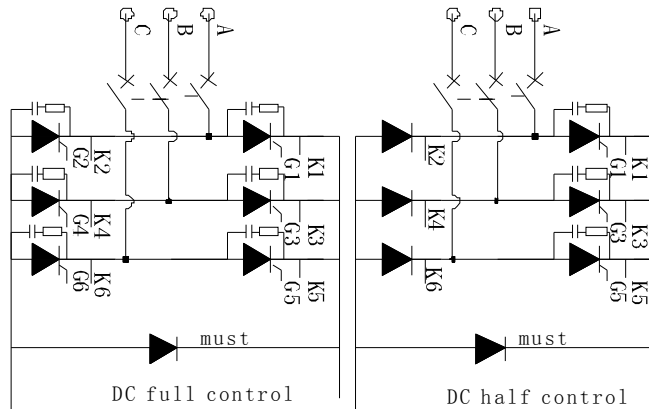
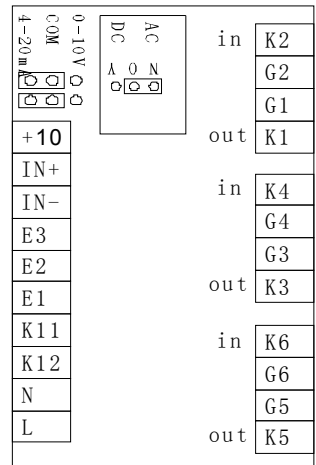
Phase shifting voltage regulation, DC rectification, high-speed cycle changing, constant cycle zero crossing power regulation

Input phase loss protection, overheat protection, slow start to prevent current impact

2、 Wiring diagram

Main power supply 380 (320-450) VAC frequency 50 (35-80) Hz automatic adaptation

Reliable triggering of thyristor within 500A, recommended triggering wire length within 40cm



AC full control
SKKT SCR

Function description		
+10	+10V power output, connected to 10K potentiometer, 0.5W	
IN+	Analog input positive 4-20mA / 0-10V / 1-10V / 1-5V /	
IN-	Analog input signal negative	
E3	Signal limit output	Short circuit
E2	Signal limit input	
E1	Signal limit com	
K11	Fault relay output, closed in case of fault, output capacity	
K12	ac250V3A, Phase loss output, over temperature output	
L	power input AC220V (ac100-260V, pmax10w)	
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3、 Led working indication

Red light off	No 220VAC control power supply
Red light on	No run, no wrong connection of main power and SCR
Red light flashing	Run, The input signal increases and flashes faster
Yellow light on	Phase loss, overheating

4、 Control terminal wiring

