

**Remote control (R.C.) for ETA's power supplies**

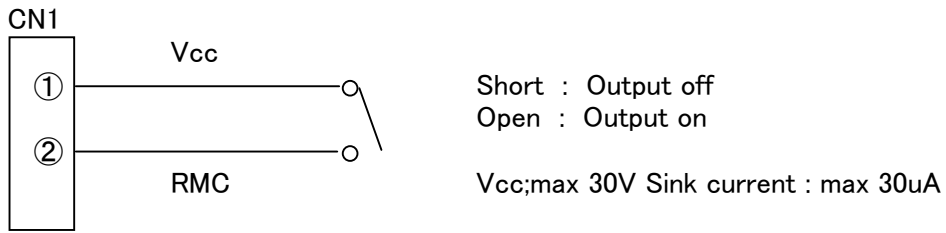
Series	Voltage	Current	Connector	Pin	Power on/off	R.C.	Diagram
PFC-SX-U-R	5 - 24Vdc	max. 10mA	CN3	1= +V 2= 0V	+V signal = Off 0V or open = On	Sec. Side	B
PFC-SX-U-RR	5 - 24Vdc	max. 10mA	CN3	1= +V 2= 0V	+V signal = On 0V or open = Off	Sec. Side	A
PFD-SX-U-R	5 - 24Vdc	max. 10mA	CN202	1= +V 2= 0V	+V signal = Off 0V or open = On	Sec. Side	B
PFD-SX-U-RR	5 - 24Vdc	max. 10mA	CN202	1= +V 2= 0V	+V signal = On 0V or open = Off	Sec. Side	A
PFE-HSX-U-R	5 - 24Vdc	max. 10mA	CN201	1= +V 2= 0V	+V signal = Off 0V or open = On	Sec. Side	B
PFE-HSX-U-RR	5 - 24Vdc	max. 10mA	CN201	1= +V 2= 0V	+V signal = On 0V or open = Off	Sec. Side	A
PLEY-HSZ-U-R	5 - 24Vdc	max. 30mA	Screw terminal	8= +V 6 = 0V	+V signal = Off 0V or open = On	Sec. Side	B
FHP-SX-U	1 - 6Vdc	max. 10mA	Screw terminal	1= +V 2= 0V	+V signal or open= Off 0 - 0,4V or short = On	Sec. Side	B
FHG-SX-U	1 - 6Vdc	max. 10mA	Screw terminal	1= +V 2= 0V	+V signal or open = Off 0 - 0,4V or short = On	Sec. Side	B
FHF-SX-U	1 - 6Vdc	max. 10mA	Screw terminal	9= +V 10= 0V	+V signal or open = Off 0 - 0,4V or short = On	Sec. Side	B
FHH-SX-U	-----	max. 10mA	Screw terminal	1= +R 2= -R	Open = Off 0 - 0,4V or short = On	Sec. Side	
FHKJ-X / -FWX-U	See page 2	See page 2	CN1	1= Vcc 2= RMC	Short = Off Open = On	See page 2	B
		10 – 30mA	CN02	2= SRC 3= SG	+V signal = Off 0V or open = On		
FHKQ-X-U	See page 2	See page 2	CN1	1= Vcc 2= RMC	Short = Off Open = On	See page 2	B
		10 – 30mA	CN02	2= SRC 3= SG	+V signal = Off 0V or open = On		
WRP-SX-U	1 - 6Vdc	max. 100mA	Screw terminal	1= +V 2= 0V	+V signal or open = Off 0 - 0,4V or short = On	Sec. Side	B
WRF-SX-U	1 - 6Vdc	max. 100mA	Screw terminal	9= +V 10= 0V	+V signal or open = Off 0 - 0,4V or short = On	Sec. Side	B
WRG-SX-U	1 - 6Vdc	max. 100mA	Screw terminal	1= +V 2= 0V	+V signal or open = Off 0 - 0,4V or short = On	Sec. Side	B
WRDJ-X / -FWX-U	See page 2	See page 2	CN101	1= Vcc 2= RMC	Short = Off Open = On	See page 2	B
		10mA	CN02	2= SRC 3= SG	+V signal = Off 0V or open = On		
WRCJ-X / -FWX-U	See page 2		CN101	1= Vcc 2= RMC	Short = Off Open = On	Prim. Side	
WRCQ-X-U	See page 2		CN101	1= Vcc 2= RMC	Short = Off Open = On	Prim. Side	
WRDQ-X-U	See page 2	See page 2	CN101	1= Vcc 2= RMC	Short = Off Open = On	Prim. Side	B
		10mA	CN02	2= SRC 3= SG	+V signal = Off 0V or open = On		
OC1-SC	4,5 - 56Vdc			2 to 5	+V signal = On 0V or open = Off	See OC1 datasheet	A



**Controlling remote on/off**

(1) Remote on/off at primary side

At CN1 remote on/off is available by using switching components such as switch, relay, opt-coupler

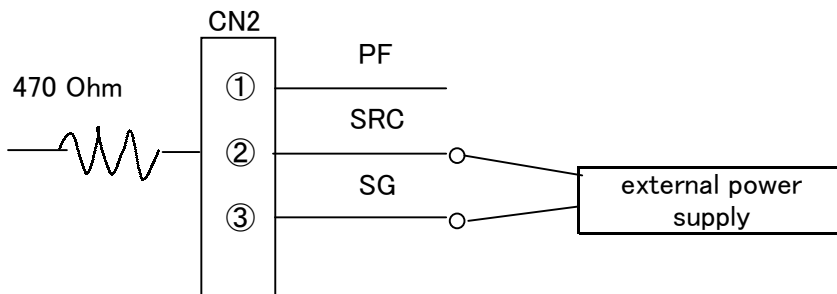


(2) Remote on/off at secondary side

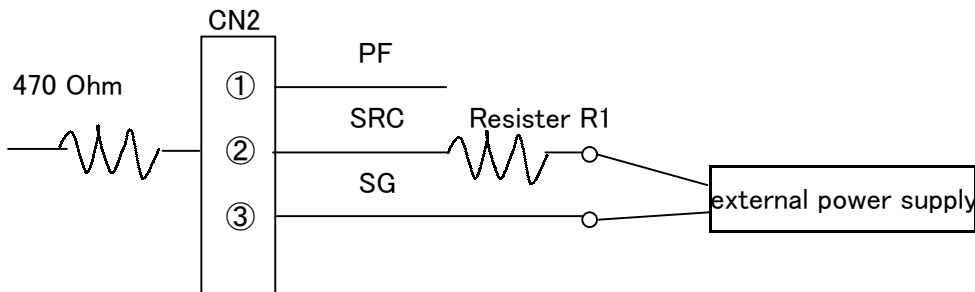
It turns off by putting power at CN02 through external power source

SG terminal ③ at CN2 is common with Ground of V1

A. When power of 5 to 9V is input at CN02, any resistor is not necessary to put.



B. When power of 10V and more is input at CN02, place a resistor "R1" at ② in series



Determine resistor by following formula

$$10\text{mA} < \frac{V_{in}}{470\text{ ohm} + R1} \leq 30\text{mA}$$

