

THYRISTOR UNIT(TPR)

1Ø Digital Type

CE RoHS



Heater Load & Transformer Control Type

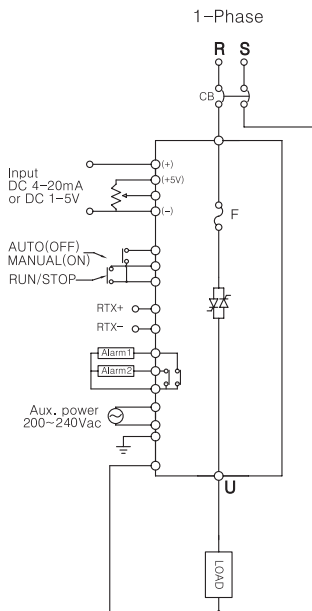
단상 Digital 전력 제어의 제품으로 위상 제어 및 사이클제어가 겸용으로 선택 가능하도록 되어있고 정전압, 정전류, 정전력방식을 LCD 화면상에서 선택 가능하여 1대의 제품으로 모든 정정이 가능하고 제어상태, 출력전류, 방열판 상태 등이 LCD 창에 표시되어 부하의 상태를 알수있는 기능과 경보용 Alarm 접점이 구비되어 있어 보다 안전하게 사용 가능하며 원격에서도 모니터할 수 있는 RS-485 통신 방식을 채택한 Digital 전력제어 유니트 입니다.

As a single-phase digital power control unit, this product has an option to select phase control or cycle control, has an option to select a constant voltage, a constant current or a constant power on an LCD to enable any correction with one product, displays the control state, output current, radiator state, etc. on an LCD to notify the load conditions, has alarm contacts for safer use, and adopts a RS-485 communication method to be monitored even remotely.

Related Standard : EN 609747-4-3:2014

EN 609747-1-3:2007/A2:2014

● Connection Diagram



● Specifications

ITEM	MODEL	WYU-SD400/500SM
Module		SCR (6Arm)
Aux. Power		200 ~ 240Vac
Rated Voltage		Auto-Ranging : 90~500V
Frequency		Auto-Ranging : 50Hz / 60Hz
Rated current		400A, 500A
Control mode setting		Phase, Constance current, Constance voltage, Constance power, Cycle
Soft Start setting		Soft start : 0~50 sec, Soft up/down : 0~50sec
Load Type		Resistance Load / Inductance Load(Transformer 1'st)
Display		LCD (2*16)
Control input setting		1~5Vdc, DC 4~20mA, VR (10kΩ), Jog dial, Modbus 485
Communication		Modbus 485 R/W (9600, 14400, 19200, 38400bps)
Cooling Type		Fan cooling
Alarm Contact capacity		240VAC@5A / 24VDC@10A
Dielectric withstand		Pri-Sec, Pri-Earth : 2000Vac for 1Minute Sec-Earth : 500Vac for 1Minute
Insulation resistance		100MΩ(at 500Vdc mega)
Operating temperature		0~40°C (at non-freezing status)
Operating humidity		35 ~ 85%RH
Storage temperature		-20~80°C (at non-freezing status)
Weight		12.2kg

● Dimension

