

Single Phase High Power type DC to DC Solid State Module

HPR series

CE, RoHS

■ Specification [Rated current corresponding to Resistive load]

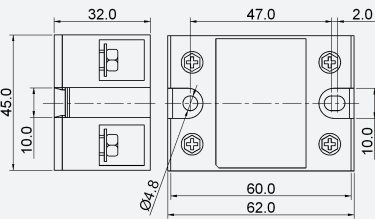
Type	型式	Standard type / 標準型		
Model	型號	HPR-60DA	HPR-80DA	HPR-100DA
Rated current	額定電流	60A max.	80A max.	100A max.
I ² t for fuse	熔斷電流	1800A ² s	3200A ² s	7200A ² s
Surge current	耐突波電流	850A	1200A	1750A
Peak voltage	耐突波電壓	1200VAC	1200VAC	1200VAC
Output voltage	輸出電壓	24 ~ 380VAC		

Type	型式	High voltage type / 高壓型		
Model	型號	HPR-60DA-H	HPR-80DA-H	HPR-100DA-H
Rated current	額定電流	60A max.	80A max.	100A max.
I ² t for fuse	熔斷電流	1800A ² s	3200A ² s	7200A ² s
Surge current	耐突波電流	850A	1200A	1750A
Peak voltage	耐突波電壓	1200VAC	1200VAC	1200VAC
Output voltage	輸出電壓	24 ~ 550VAC		

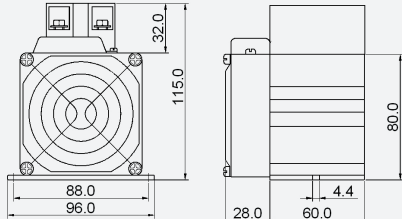
General specification / 共同規格		
Input voltage	輸入電壓	4 ~ 32 VDC
Turn off voltage	關閉電壓	< 3.0 VDC
Trigger current	觸發電流	12mA max.
Control method	控制方式	Zero cross switching
Leakage current	洩漏電流	5 mA max.
Response time	反應時間	8.3 ms (60Hz)
Over heat protection	過熱保護	Turn off output over 120℃ ; Reset below 110℃
Input immunity	輸入耐突波	2 KV (EN61000-4-4)
Isolation strength	電介強度	4 KVrms (EN60950/VDE0805)
Insulation strength	絕緣強度	100MΩ / 500VDC (EN60950/VDE0805)
Circumstance	工作環境	-40℃ ~ +80℃ ; 35 ~ 85%RH

■ Outline dimension / 外形尺寸

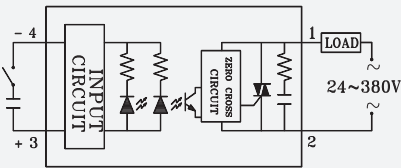
HPR-xxDA / HPR-xxDA-H



HPR-xxDA+
Heat sink (HS-ESR-60) + Fan



■ Connection / 接線圖



Single Phase High Power type AC to AC Solid State Module

HPR series

CE, RoHS

■ Specification [Rated current corresponding to Resistive load]

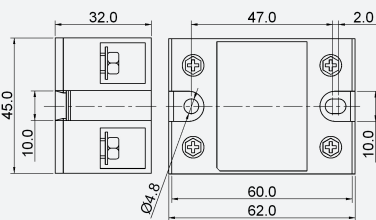
Type	型式	Standard type / 標準型		
Model	型號	HPR-60AA	HPR-80AA	HPR-100AA
Rated current	額定電流	60A max.	80A max.	100A max.
I²t for fuse	熔斷電流	1800A²s	3200A²s	7200A²s
Protection fuse	保險絲	63A/600VAC	80A/600VAC	100A/600VAC
Surge current	耐突波電流	850A	1200A	1750A
Peak voltage	耐突波電壓	1200VAC	1200VAC	1200VAC
Output voltage	輸出電壓	24 ~ 380VAC		

Type	型式	High voltage type / 高壓型		
Model	型號	HPR-60AA-H	HPR-80AA-H	HPR-100AA-H
Rated current	額定電流	60A max.	80A max.	100A max.
I²t for fuse	熔斷電流	1800A²s	3200A²s	7200A²s
Protection fuse	保險絲	63A/600VAC	80A/600VAC	100A/600VAC
Surge current	耐突波電流	850A	1200A	1750A
Peak voltage	耐突波電壓	1200VAC	1200VAC	1200VAC
Output voltage	輸出電壓	24 ~ 550VAC		

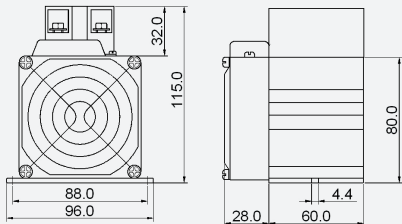
General specification / 共同規格		
Input voltage	輸入電壓	20 ~ 265 VAC/DC
Turn off voltage	關閉電壓	< 12 VAC/DC
Trigger current	觸發電流	3VA max.
Control method	控制方式	Zero cross switching
Leakage current	洩漏電流	5 mA max.
Response time	反應時間	8.3 ms (60Hz)
Over heat protection	過熱保護	Turn off output over 120℃ ; Reset below 110℃
Input immunity	輸入耐突波	2 KV (EN61000-4-4)
Isolation strength	電介強度	4 KVrms (EN60950/VDE0805)
Insulation strength	絕緣強度	100MΩ / 500VDC (EN60950/VDE0805)
Circumstance	工作環境	-40℃ ~ +80℃ ; 35 ~ 85%RH

■ Outline dimension / 外形尺寸

HPR-xxAA / HPR-xxAA-H



HPR-xxAA+
Heat sink (HS-ESR-60) + Fan



■ Connection / 接線圖

