

北京(Beijing) 010-68008 911 进口固态继电器经销商 [www.shuntu.net](http://www.shuntu.net)  
 广东省深圳0755-83656701 山东 在线查询 [www.Omrons.com.cn](http://www.Omrons.com.cn) 继电器说明书PDF



面板安装固态继电器 SSR 进口固态继电器

SCHNEIDER 施耐德品牌 SSR 固态继电器品牌, 世界上首创固态继电器品牌

HI2D4825 HI2D4825-10 HI2D4850 HI2D4850-10 HI2D4875 HI2D4875-10 HI2D4890  
 HI2D4890-10 HI2D48125 HI2D48125-10 HI2WD4825 HI2WD4825-10 HI2WD4850  
 HI2WD4850-10 HI2WD4875 HI2WD4875-10 HI2WD4890 HI2WD4890-10 HI2WD48125

型号	控制电压	最大负载电流	工作电压 线性电压范围
HI2D4825	4-32 VDC	25 Amps	48-530 VAC
HI2D4825-10	4-32 VDC	25 Amps	48-530 VAC
HI2D4850	4-32 VDC	50 Amps	48-530 VAC
HI2D4850-10	4-32 VDC	50 Amps	48-530 VAC
HI2D4875	4-32 VDC	75 Amps	48-530 VAC
HI2D4875-10	4-32 VDC	75 Amps	48-530 VAC
HI2D4890	4-32 VDC	90 Amps	48-530 VAC
HI2D4890-10	4-32 VDC	90 Amps	48-530 VAC
HI2D48125	4-32 VDC	125 Amps	48-530 VAC
HI2D48125-10	4-32 VDC	125 Amps	48-530 VAC
HI2WD4825	4-32 VDC	25 Amps	48-660 VAC
HI2WD4825-10	4-32 VDC	25 Amps	48-660 VAC
HI2WD4850	4-32 VDC	50 Amps	48-660 VAC
HI2WD4850-10	4-32 VDC	50 Amps	48-660 VAC
HI2WD4875	4-32 VDC	75 Amps	48-660 VAC
HI2WD4875-10	4-32 VDC	75 Amps	48-660 VAC
HI2WD4890	4-32 VDC	90 Amps	48-660 VAC
HI2WD4890-10	4-32 VDC	90 Amps	48-660 VAC
HI2WD48125	4-32 VDC	125 Amps	48-660 VAC
HI2WD48125-10	4-32 VDC	125 Amps	48-660 VAC
HI2WD48125-10			

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[固态继电器交流](#) [SSR 固态继电器](#) [固态继电器价格](#) [欧姆龙固态继电器](#) [三相固态继电器](#)  
[固态继电器型号:](#)

HI2D4825; HI2D4825-10; HI2D4825D; HI2D4840D; HI2D4840D-10; HI2D4850; HI2D4850-10;  
 HI2D4875; HI2D4875-10; HI2D4890; HI2D4890-10; HI2WD48; HI2WD48110; HI2WD48110-10;  
 12WD48110F; HI2WD48110F-10; HI2WD48110FG; HI2WD48110FG-10; HI2WD48110FGH;  
 HI2WD48110FGH-10; HI2WD48110FH; HI2WD48110FH-10; HI2WD48110FP; HI2WD48110FP-10;

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H12WD48110FPG; H12WD48110FPG-10; H12WD48110FPGH; H12WD48110FPGH-10;  
H12WD48110FPH; H12WD48110FPH-10; H12WD48110G; H12WD48110G-10; H12WD48110GH;  
H12WD48110GH-10; H12WD48110H; H12WD48110H-10; H12WD48110P; H12WD48110P-10;  
H12WD48110PG; H12WD48110PG-10; H12WD48110PGH; H12WD48110PGH-10; H12WD48110PH;  
H12WD48110PH-10; H12WD48125; H12WD48125-10; H12WD48125F; H12WD48125F-10;  
H12WD48125FG; H12WD48125FG-10; H12WD48125FGH; H12WD48125FGH-10; H12WD48125FH;  
H12WD48125FH-10; H12WD48125FP; H12WD48125FP-10; H12WD48125FPG; H12WD48125FPG-10;  
H12WD48125FPGH; H12WD48125FPGH-10; H12WD48125FPH; H12WD48125FPH-10; H12WD48125G;  
H12WD48125G-10; H12WD48125GH; H12WD48125GH-10; H12WD48125H; H12WD48125H-10;  
H12WD48125P; H12WD48125P-10; H12WD48125PG; H12WD48125PG-10; H12WD48125PGH;  
H12WD48125PGH-10; H12WD48125PH; H12WD48125PH-10; H12WD4825; H12WD4825-10;  
H12WD4825F; H12WD4825F-10; H12WD4825FG; H12WD4825FG-10; H12WD4825FGH;  
H12WD4825FGH-10; H12WD4825FH; H12WD4825FH-10; H12WD4825FP; H12WD4825FP-10;  
H12WD4825FPG; H12WD4825FPG-10; H12WD4825FPGH; H12WD4825FPGH-10; H12WD4825FPH;  
H12WD4825FPH-10; H12WD4825G; H12WD4825G-10; H12WD4825GH; H12WD4825GH-10;  
H12WD4825H; H12WD4825H-10; H12WD4825P; H12WD4825P-10; H12WD4825PG;  
H12WD4825PG-10; H12WD4825PGH; H12WD4825PGH-10; H12WD4825PH; H12WD4825PH-10;  
H12WD4850; H12WD4850-10; H12WD4850F; H12WD4850F-10; H12WD4850FG; H12WD4850FG-10;  
H12WD4850FGH; H12WD4850FGH-10; H12WD4850FH; H12WD4850FH-10; H12WD4850FP;  
H12WD4850FP-10; H12WD4850FPG; H12WD4850FPG-10; H12WD4850FPGH; H12WD4850FPGH-10;  
H12WD4850FPH; H12WD4850FPH-10; H12WD4850G; H12WD4850G-10; H12WD4850GH;  
H12WD4850GH-10; H12WD4850H; H12WD4850H-10; H12WD4850P; H12WD4850P-10;  
H12WD4850PG; H12WD4850PG-10; H12WD4850PGH; H12WD4850PGH-10; H12WD4850PH;  
H12WD4850PH-10; H12WD4875; H12WD4875-10; H12WD4875F; H12WD4875F-10; H12WD4875FG;  
H12WD4875FG-10; H12WD4875FGH; H12WD4875FGH-10; H12WD4875FH; H12WD4875FH-10;  
H12WD4875FP; H12WD4875FP-10; H12WD4875FPG; H12WD4875FPG-10; H12WD4875FPGH;  
H12WD4875FPGH-10; H12WD4875FPH; H12WD4875FPH-10; H12WD4875G; H12WD4875G-10;  
H12WD4875GH; H12WD4875GH-10; H12WD4875H; H12WD4875H-10; H12WD4875P;  
H12WD4875P-10; H12WD4875PG; H12WD4875PG-10; H12WD4875PGH; H12WD4875PGH-10;  
H12WD4875PH; H12WD4875PH-10; H12WD4890; H12WD4890-10; H12WD4890F; H12WD4890F-10;  
H12WD4890FG; H12WD4890FG-10; H12WD4890FGH; H12WD4890FGH-10; H12WD4890FH;  
H12WD4890FH-10; H12WD4890FP; H12WD4890FP-10; H12WD4890FPG; H12WD4890FPG-10;  
H12WD4890FPGH; H12WD4890FPGH-10; H12WD4890FPH; H12WD4890FPH-10; H12WD4890G;  
H12WD4890G-10; H12WD4890GH; H12WD4890GH-10; H12WD4890H; H12WD4890H-10;  
H12WD4890P; H12WD4890P-10; H12WD4890PG; H12WD4890PG-10; H12WD4890PGH;  
H12WD4890PGH-10; H12WD4890PH; H12WD4890PH-10; HI2D4825; HI2D4825-10; HI2D4825D;  
HI2D4840D; HI2D4840D-10; HI2D4850; HI2D4850-10; HI2D4875; HI2D4875-10; HI2D4890;  
HI2D4890-10; HI2WD48; HI2WD48110; HI2WD48110-10; HI2WD48110F; HI2WD48110F-10;  
HI2WD48110FG; HI2WD48110FG-10; HI2WD48110FGH; HI2WD48110FGH-10;  
HI2WD48110FH; HI2WD48110FH-10; HI2WD48110FP; HI2WD48110FP-10;  
HI2WD48110FPG; HI2WD48110FPG-10; HI2WD48110FPGH; HI2WD48110FPGH-10;  
HI2WD48110FPH; HI2WD48110FPH-10; HI2WD48110G; HI2WD48110G-10;

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HI2WD48110GH; HI2WD48110GH-10; HI2WD48110H; HI2WD48110H-10;  
HI2WD48110P; HI2WD48110P-10; HI2WD48110PG; HI2WD48110PG-10; HI2WD48110PGH;  
HI2WD48110PGH-10; HI2WD48110PH; HI2WD48110PH-10; HI2WD48125; HI2WD48125-10;  
HI2WD48125F; HI2WD48125F-10; HI2WD48125FG; HI2WD48125FG-10; HI2WD48125FGH;  
HI2WD48125FGH-10; HI2WD48125FH; HI2WD48125FH-10; HI2WD48125FP;  
HI2WD48125FP-10; HI2WD48125FPG; HI2WD48125FPG-10; HI2WD48125FPGH;  
HI2WD48125FPGH-10; HI2WD48125FPH; HI2WD48125FPH-10; HI2WD48125G;  
HI2WD48125G-10; HI2WD48125GH; HI2WD48125GH-10; HI2WD48125H;  
HI2WD48125H-10; HI2WD48125P; HI2WD48125P-10; HI2WD48125PG; HI2WD48125PG-10;  
HI2WD48125PGH; HI2WD48125PGH-10; HI2WD48125PH; HI2WD48125PH-10;  
HI2WD4825; HI2WD4825-10; HI2WD4825F; HI2WD4825F-10; HI2WD4825FG;  
HI2WD4825FG-10; HI2WD4825FGH; HI2WD4825FGH-10; HI2WD4825FH;  
HI2WD4825FH-10; HI2WD4825FP; HI2WD4825FP-10; HI2WD4825FPG;  
HI2WD4825FPG-10; HI2WD4825FPGH; HI2WD4825FPGH-10; HI2WD4825FPH;  
HI2WD4825FPH-10; HI2WD4825G; HI2WD4825G-10; HI2WD4825GH; HI2WD4825GH-10;  
HI2WD4825H; HI2WD4825H-10; HI2WD4825P; HI2WD4825P-10; HI2WD4825PG;  
HI2WD4825PG-10; HI2WD4825PGH; HI2WD4825PGH-10; HI2WD4825PH;  
HI2WD4825PH-10; HI2WD4850; HI2WD4850-10; HI2WD4850F; HI2WD4850F-10;  
HI2WD4850FG; HI2WD4850FG-10; HI2WD4850FGH; HI2WD4850FGH-10;  
HI2WD4850FH; HI2WD4850FH-10; HI2WD4850FP; HI2WD4850FP-10;  
HI2WD4850FPG; HI2WD4850FPG-10; HI2WD4850FPGH; HI2WD4850FPGH-10;  
HI2WD4850FPH; HI2WD4850FPH-10; HI2WD4850G; HI2WD4850G-10;  
HI2WD4850GH; HI2WD4850GH-10; HI2WD4850H; HI2WD4850H-10;  
HI2WD4850P; HI2WD4850P-10; HI2WD4850PG; HI2WD4850PG-10;  
HI2WD4850PGH; HI2WD4850PGH-10; HI2WD4850PH; HI2WD4850PH-10;  
HI2WD4875; HI2WD4875-10; HI2WD4875F; HI2WD4875F-10; HI2WD4875FG;  
HI2WD4875FG-10; HI2WD4875FGH; HI2WD4875FGH-10; HI2WD4875FH;  
HI2WD4875FH-10; HI2WD4875FP; HI2WD4875FP-10; HI2WD4875FPG;  
HI2WD4875FPG-10; HI2WD4875FPGH; HI2WD4875FPGH-10; HI2WD4875FPH;  
HI2WD4875FPH-10; HI2WD4875G; HI2WD4875G-10; HI2WD4875GH; HI2WD4875GH-10;  
HI2WD4875H; HI2WD4875H-10; HI2WD4875P; HI2WD4875P-10; HI2WD4875PG;  
HI2WD4875PG-10; HI2WD4875PGH; HI2WD4875PGH-10; HI2WD4875PH;  
HI2WD4875PH-10; HI2WD4890; HI2WD4890-10; HI2WD4890F; HI2WD4890F-10;  
HI2WD4890FG; HI2WD4890FG-10; HI2WD4890FGH; HI2WD4890FGH-10;  
HI2WD4890FH; HI2WD4890FH-10; HI2WD4890FP; HI2WD4890FP-10;  
HI2WD4890FPG; HI2WD4890FPG-10; HI2WD4890FPGH; HI2WD4890FPGH-10;  
HI2WD4890FPH; HI2WD4890FPH-10; HI2WD4890G; HI2WD4890G-10;  
HI2WD4890GH; HI2WD4890GH-10; HI2WD4890H; HI2WD4890H-10;  
HI2WD4890P; HI2WD4890P-10; HI2WD4890PG; HI2WD4890PG-10;  
HI2WD4890PGH; HI2WD4890PGH-10; HI2WD4890PH; HI2WD4890PH-10;



- 1200V 隔离
- 面板安装
- 宽电压660Vac
- 零电压开关或瞬时开关
- SCR输出
- 自动触发的内部过压 (后缀P)

IC驱动电路的高电压继电器，使得开关负载达到660Vac  
H12WD系列无吸收电路（减少漏电流）  
由Crydom制造，通过ISO9001认证，表现优良，值得信赖。

型 号	H12WD4825	H12WD4850	H12WD4875	H12WD4890	H12WD48125 <sup>⑥</sup>
<b>输出规格<sup>①</sup></b>					
工作电压 (47-63 Hz) (Vrms)	48-660	48-660	48-660	48-660	48-660
最大负载电流 <sup>③</sup> (Arms)	25	50	75	90	125
最小负载电流 (mArms)	150	150	150	150	150
瞬时过电压 (Vpk)	1200	1200	1200	1200	1200
最大浪涌电流 (16.6ms) (A <sub>pk</sub> )	250	625	1000	1200	1750
导通状态时最大压降 (在额定电流时) (V <sub>pk</sub> )	1.6	1.6	1.6	1.6	1.7
结点-基板热阻(R <sub>θJC</sub> ) (°C/W)	1.02	.63	.31	.28	.22
熔断用最大I <sup>2</sup> t (8.3ms) (A <sup>2</sup> s)	260	1620	4150	6000	12700
断开状态时最大漏电流 (在额定电压时) (mA)	1.0	1.0	1.0	1.0	1.0
断开状态时最小dv/dt (在最大额定电压时) (V/μs)	500	500	500	500	500
最大导通时间	1/2 周期	1/2 周期	1/2 周期	1/2 周期	1/2 周期
最大关断时间	1/2 周期	1/2 周期	1/2 周期	1/2 周期	1/2 周期
最大负载时的功率因数 (最小)	0.5	0.5	0.5	0.5	0.5

### 输出规格<sup>①</sup>

控制电压范围	4-32 Vdc
最大导通电压	4.0 Vdc
最小关断电压	1.0 Vdc
标称输入阻抗	见注5
典型输入电流	15 mA @ 5 Vdc <sup>⑤</sup>

### 注

- ① 除非特别标明，所有参数都适用于25°C
- ② 断开状态dv/dt测试方法根据EIA/NARM标准RS-443第13.11.1测试
- ③ 需要使用散热片
- ④ 对瞬时开关型，导通时间为0.02ms
- ⑤ 输入电路中带有限流装置
- ⑥ 仅有CE认证



### 基本特性

绝缘强度 50/60Hz 输入/输出/基板	4000 Vrms
绝缘阻抗 (最小) 500Vdc	10 <sup>9</sup> Ohm
输入/输出最大电容量	8 pF
环境工作温度范围	-40 to 80°C
环境贮存温度范围	-40 to 125°C

### 机械特性

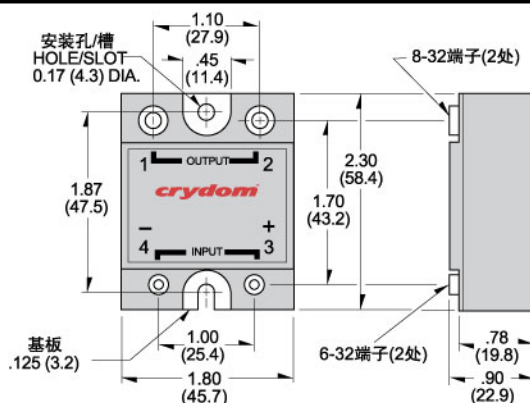
重量: (典型)	3.0 oz. (86.5g)
包装:	热传导环氧
端子:	提供螺钉及螺母, 未安装

**Crydom散热片**提供出色的热性能, 与Crydom面板安装固态继电器的负载电流配合完美。  
更多信息请查阅Crydom散热片说明书。

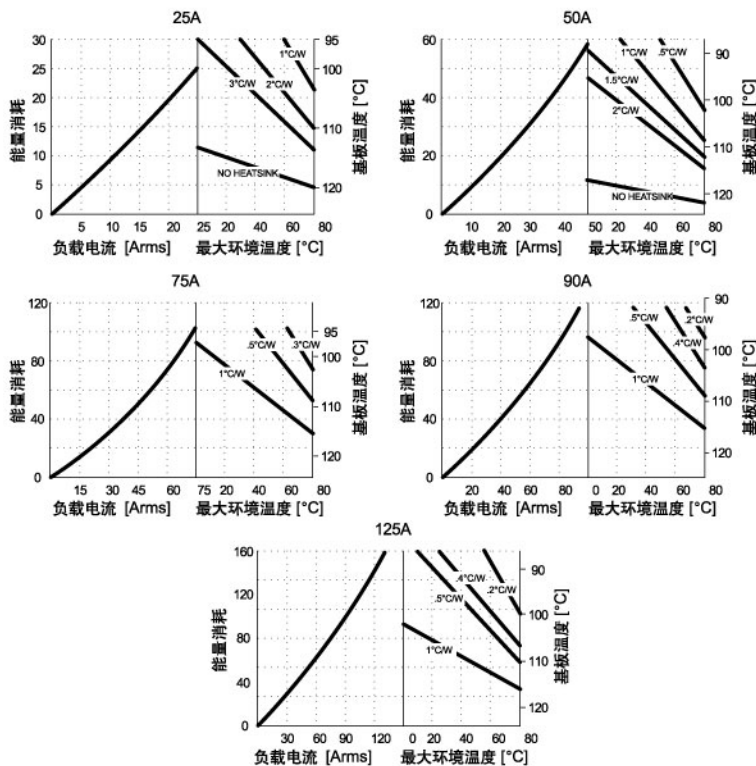
### 可用选项

- F** 快速接线端子  
例: H12WD4850F
- G** LED输入状态显示  
例: H12WD4850G  
注意: 控制电压范围 5.5-32 Vdc
- P** 内部过压保护在900-1200 Vdc 时继电器自动触发不适合用于电容性负载  
例: H12WD4850P
- 10** 瞬时开关  
例: H12WD4850-10
- H** 热传导垫 (粘贴型)  
例: H12WD4850H

**排序规律:** 后缀的组合应按以下规律。  
例: H12WD4850FPG-10



电流下降曲线



### 认证

UL E116949  
CSA LR81689  
VDE 10143 UG



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HI2D4825 HI2D4825-10 HI2D4850 HI2D4850-10 HI2D4875 HI2D4875-10 HI2D4890  
 HI2D4890-10 HI2D48125 HI2D48125-10 HI2WD4825 HI2WD4825-10 HI2WD4850  
 HI2WD4850-10 HI2WD4875 HI2WD4875-10 HI2WD4890 HI2WD4890-10 HI2WD48125

型号	控制电压	最大负载电流	工作电压 线性电压范围
H12D4825	4-32 VDC	25 Amps	48-530 VAC
H12D4825-10	4-32 VDC	25 Amps	48-530 VAC
H12D4850	4-32 VDC	50 Amps	48-530 VAC
H12D4850-10	4-32 VDC	50 Amps	48-530 VAC
H12D4875	4-32 VDC	75 Amps	48-530 VAC
H12D4875-10	4-32 VDC	75 Amps	48-530 VAC
H12D4890	4-32 VDC	90 Amps	48-530 VAC
H12D4890-10	4-32 VDC	90 Amps	48-530 VAC
H12D48125	4-32 VDC	125 Amps	48-530 VAC
H12D48125-10	4-32 VDC	125 Amps	48-530 VAC
H12WD4825	4-32 VDC	25 Amps	48-660 VAC
H12WD4825-10	4-32 VDC	25 Amps	48-660 VAC
H12WD4850	4-32 VDC	50 Amps	48-660 VAC
H12WD4850-10	4-32 VDC	50 Amps	48-660 VAC
H12WD4875	4-32 VDC	75 Amps	48-660 VAC
H12WD4875-10	4-32 VDC	75 Amps	48-660 VAC
H12WD4890	4-32 VDC	90 Amps	48-660 VAC
H12WD4890-10	4-32 VDC	90 Amps	48-660 VAC
H12WD48125	4-32 VDC	125 Amps	48-660 VAC
H12WD48125-10	4-32 VDC	125 Amps	48-660 VAC
HI2WD48125-10			

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