

Relay modules

flare

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



**250 V AC / 300 V DC, 6 A
1 Changeover contact (SPDT)**

Approvals: , CSA



**48 V DC, 20 mA
1 Changeover contact (SPDT)**

Approvals: , CSA

Overall width 6.2 mm
 Screw or spring clamp terminal
 can be selected

Dimensions (mm): W x H x D
 6.2 x 89 x 70

Operating voltage	Screw terminal	Spring-clamp	Std. pack	Screw terminal	Spring-clamp	Std. pack
12 V DC		80.010.4106.0	10			
24 V DC	80.010.4000.0	80.010.4100.0	10			
12 V AC/DC						
24 V AC/DC				80.010.4005.0	80.010.4105.0	10
115 V AC		80.010.4131.0	10			
230 V AC		80.010.4141.0	10			
Wiring diagram, derating curve, limit curve	See pages 464-465			See pages 464-465		
Coil circuit	12 V DC	24 V DC	115 V DC	230 V DC		
Operating voltage		UB +25 %/-20 %			UB +25 %/-20 %	
Range of voltage						
Nominal input current	18 mA	ca. 14 mA	3.9 mA	3 mA	ca. 14 mA	
Nominal input capacity	0.22 W	ca. 0.35 W	0.48 W	0.65 W	ca. 0.35 W	
Holding current at 20 °C	≥ 2.3 mA	> 1.2 mA	≥ 0.6 mA	≥ 0.3 mA	> 1.2 mA	
Connectable via plug-in jumper	Up to 50 modules			Up to 50 modules		
Status display	LED Green			LED Green		
Switching characteristics						
Maximum switching voltage	250 V AC / 300 V DC			48 V DC		
Maximum switching current	6 A AC / 2 A DC			20 mA		
Maximum switching capacity	1500 VA / 48 W			1 W		
Maximum starting current	10 A; 4 sec.					
Pickup/dropout delay	8 ms / 10 ms			8 ms / 10 ms		
Chatter time	2 ms			2 ms		
Maximum switching frequency	20 Hz			20 Hz		
Contact material	AgSnO ₂			AgSnO ₂ + 3μ Au		
Minimum switchable voltage	12 V			5 V		
Minimum switchable current	5 mA			1 mA		
Mechanical endurance	2 x 10 ⁷			2 x 10 ⁷		
Electrical endurance 24 V DC / 2 A	6 x 10 ⁵			6 x 10 ⁵		
Electrical endurance 230 V AC / 6 A	8 x 10 ⁴			8 x 10 ⁴		
Rated voltage						
Isolation voltage of input/output	4 kV _{eff}			4 kV _{eff}		
Overvoltage category	III (according to HD 625.1S1)			III (according to HD 625.1S1)		
Degree of pollution	2 (according to HD 625.1S1)			2 (according to HD 625.1S1)		
Ambient temperature	0 °C...+50 °C			0 °C...+50 °C		
Storage temperature	-40 °C...+55 °C			-40 °C...+55 °C		
Protection type/mounting rail	IP 20 / TS35			IP 20 / TS35		
Norms/specifications	VDE 0160; VDE 0106 T101			VDE 0160; VDE 0106 T101		
Emitted interference/interference immunity	EN 61000-6-3; EN 61000-6-2			EN 61000-6-3; EN 61000-6-2		
Wire range of screw terminal/spring clamp terminal	24 – 10 AWG / 24 – 12 AWG			24 – 10 AWG / 24 – 12 AWG		
finely stranded	0.14 mm ² – 1.5 mm ²			0.14 mm ² – 1.5 mm ²		
single core	0.5 mm ² – 2.5 mm ²			0.5 mm ² – 2.5 mm ²		
CSA EX approval	Class I, Division 2, Groups A, B, C and D, T6			Class I, Division 2, Groups A, B, C and D, T6		
Accessories						
Plug-in jumper (U _{max} = 50 V, I _{max} = 2 A)	Z8.000.0200.8			Z8.000.0200.8		
8 digit marker tag, unmarked, 60 off	Z4.242.5153.0			Z4.242.5153.0		
Comb for potential distribution, red/blue*	Z8.000.0202.3 / Z8.000.0202.4			Z8.000.0202.3 / Z8.000.0202.4		
End caps for comb red/blue	Z8.000.0202.1 / Z8.000.0202.2			Z8.000.0202.1 / Z8.000.0202.2		
* for screw terminals only						