

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)



Type of relay	Interface relays RSB			Miniature relays RXM			
<b>Contact characteristics</b>							
Thermal current I <sub>th</sub> in A (temperature ≤ 55°C)	8	12	16	12	10	6	3
Number of contacts	2 "C/O"	1 "C/O"	1 "C/O"	2 "C/O"	3 "C/O"	4 "C/O"	4 "C/O"
Contact material	AgNi	AgNi	AgNi	AgNi	AgNi	AgNi	AgAu
Switching voltage, min. / max.	5 / 250 VAC/DC			12 / 250 VAC/DC			
Switching capacity, min. / max. (mA / VA)	5 / 2000	5 / 3000	5 / 4000	10 / 3000	10 / 2500	10 / 1500	2 / 1500
<b>Coil characteristics</b>							
Average consumption, inrush,	0.75 VA / 0.45 W			1.2 VA / 0.9 W			
Permissible voltage variation	0.8/0.85...1.1 Un (50/ 60Hz or =)			0.8...1.1 Un (50 / 60Hz or =)			
<b>References</b>	(1)	(1)	(1)	(2)	(2)	(2)	
Coil supply voltage on DC	6 VDC	RSB2A080RD	RSB1A120RD	RSB1A160RD	–	–	–
	12 VDC	RSB2A080JD	RSB1A120JD	RSB1A160JD	RXM2AB2JD	RXM3AB2JD	RXM4AB2JD
	24 VDC	RSB2A080BD	RSB1A120BD	RSB1A160BD	RXM2AB2BD	RXM3AB2BD	RXM4AB2BD
	48 VDC	RSB2A080ED	RSB1A120ED	RSB1A160ED	RXM2AB2ED	RXM3AB2ED	RXM4AB2ED
	60 VDC	RSB2A080ND	RSB1A120ND	RSB1A160ND	–	–	–
110 VDC	RSB2A080FD	RSB1A120FD	RSB1A160FD	RXM2AB2FD	RXM3AB2ED	RXM4AB2ED	RXM4GB2ED
Coil supply voltage on AC	24 VAC	RSB2A080B7	RSB1A120B7	RSB1A160B7	RXM2AB2B7	RXM3AB2B7	RXM4AB2B7
	48 VAC	RSB2A080E7	RSB1A120E7	RSB1A160E7	RXM2AB2E7	RXM3AB2E7	RXM4AB2E7
	120 VAC	RSB2A080F7	RSB1A120F7	RSB1A160F7	RXM2AB2F7	RXM3AB2F7	RXM4AB2F7
	220 VAC	RSB2A080M7	RSB1A120M7	RSB1A160M7	–	–	–
	230 VAC	RSB2A080P7	RSB1A120P7	RSB1A160P7	RXM2AB2P7	RXM3AB2P7	RXM4AB2P7
	240 VAC	RSB2A080U7	RSB1A120U7	RSB1A160U7	–	–	–

## Sockets for relays

Type of socket	For interface relays RSB			For miniature relays RXM				
<b>Mixed input/output type sockets with location for protection module</b>	–	–	–	RXZE2M114(5)	–	RXZE2M114	RXZE2M114	
	–	–	–	RXZE2M114M(5)	–	RXZE2M114M	RXZE2M114M	
<b>Separate input/output type sockets with location for protection module</b>	RSZE1S48M	RSZE1S35M	RSZE1S48M(3)	RXZE2S108M	RXZE2S111M	RXZE2S114M	RXZE2S114M	
<b>Protection modules</b>								
Diode	6...230 VDC	RZM040W		RXM040W				
RC circuit	24...60 VAC	RZM041BN7		RXM041BN7				
	110...240 VAC	RZM041FU7		RXM041FU7				
Varistor	6...24 VDC or AC	RZM021RB (6)		RXM021RB				
	24...60 VDC or AC	RZM021BN (6)		RXM021BN				
	110...230 VDC or AC	RZM021FP (6)		RXM021FP				
	24 VDC or AC	–		–				
	240 VDC or AC	–		–				
Multifunction timer module	24...230 VDC or AC	–		–				
<b>Accessories</b>								
Plastic maintaining clamp	RSZR215			RXZR335				
Metal maintaining clamp	–			RXZ400				
Label for socket	RSZL300			RXZL420 (except RXZE2M114)				
Bus jumper	2 poles	–			RXZS2			
DIN rail adapter	–			RXZE2DA				
Panel mounting adapter	–			RXZE2FA				

(1) References for relays without socket, for relays with socket, add the letter **S** to the end of the selected reference. (Example: RSB2A080B7 becomes RSB2A080B7S).

(2) References for relays with LED, for relays without LED, replace the number 1 in the reference by **2**. (Example: RXM2AB2JD becomes RXM2AB1JD)

(3) To use RSB 1A160 ●● relay with socket, terminals must be interconnected

## Universal and power relays



Universal relays RUM					Power relays RPM				RPF	
Cylindrics			Faston							
10	10	3	10	10	15	15	15	15	30 (4)	30 (4)
2 "C/O"	3 "C/O"	3 "C/O"	2 "C/O"	3 "C/O"	1 "C/O"	2 "C/O"	3 "C/O"	4 "C/O"	2 "N/O"	2 "C/O"
AgNi	AgNi	AgAu	AgNi	AgNi	AgNi	AgNi	AgNi	AgNi	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
12 / 250 VAC/DC					12 / 250 VAC/DC				12 / 250 VAC/DC	
10 / 2500	10 / 2500	3 / 750	10 / 2500	10 / 2500	100 / 3750	100 / 3750	100 / 3750	100 / 3750	100 / 7200	100 / 7200
2...3 VA / 1.4 W					0.9 VA / 0.7 W 1.2 VA / 0.9 W 1.5 VA / 1.7 W 1.5 VA / 2 W				4 VA / 1.7 W	
(2)	(2)	-	(2)	(2)	(2)	(2)	(2)	(2)	-	-
-	-	-	-	-	-	-	-	-	-	-
RUMC2AB2JD	RUMC3AB2JD	-	RUMF2AB2JD	RUMF3AB2JD	RPM12JD	RPM22JD	RPM32JD	RPM42JD	RPF2AJD	RPF2BJD
RUMC2AB2BD	RUMC3AB2BD	RUMC3GB2BD	RUMF2AB2BD	RUMF3AB2BD	RPM12BD	RPM22BD	RPM32BD	RPM42BD	RPF2ABD	RPF2BBD
RUMC2AB2ED	RUMC3AB2ED	RUMC3GB2ED	RUMF2AB2ED	RUMF3AB2ED	RPM12ED	RPM22ED	RPM32ED	RPM42ED	-	-
-	-	-	-	-	-	-	-	-	-	-
RUMC2AB2FD	RUMC3AB2FD	-	RUMF2AB2FD	RUMF3AB2FD	RPM12FD	RPM22FD	RPM32FD	RPM42FD	RPF2AFD	RPF2BFD
RUMC2AB2B7	RUMC3AB2B7	RUMC3GB2B7	RUMF2AB2B7	RUMF3AB2B7	RPM12B7	RPM22B7	RPM32B7	RPM42B7	RPF2AB7	RPF2BB7
RUMC2AB2E7	RUMC3AB2E7	RUMC3GB2E7	RUMF2AB2E7	RUMF3AB2E7	RPM12E7	RPM22E7	RPM32E7	RPM42E7	-	-
RUMC2AB2F7	RUMC3AB2F7	RUMC3GB2F7	RUMF2AB2F7	RUMF3AB2F7	RPM12F7	RPM22F7	RPM32F7	RPM42F7	RPF2AF7	RPF2BF7
-	-	-	-	-	-	-	-	-	-	-
RUMC2AB2P7	RUMC3AB2P7	RUMC3GB2P7	RUMF2AB2P7	RUMF3AB2P7	RPM12P7	RPM22P7	RPM32P7	RPM42P7	RPF2AP7	RPF2BP7
-	-	-	-	-	-	-	-	-	-	-

For universal relays RUM					For power relays RPM				For power relays RPF	
RUZH2M	RUZH3M	RUZH3M	-	-	RPZF1	RPZF2	RPZF3	RPZF4	-	-
-	-	-	-	-	-	-	-	-	-	-
RUZSC2M	RUZSC3M	RUZSC3M	RUZSF3M	RUZSF3M	-	-	-	-	-	-
RUW240BD	-	-	-	-	1 and 2 poles	-	3 and 4 poles	-	-	-
-	-	-	-	-	RXM040W	-	RUW240BD	-	-	-
RUW241P7	-	-	-	-	RXM041BN7	-	-	-	-	-
-	-	-	-	-	RXM041FU7	-	RUW241P7	-	-	-
-	-	-	-	-	RXM021RB	-	-	-	-	-
-	-	-	-	-	RXM021BN	-	-	-	-	-
-	-	-	-	-	RXM021FP	-	-	-	-	-
RUW242B7	-	-	-	-	RUW242B7	-	-	-	-	-
RUW242P7	-	-	-	-	-	-	RUW242P7	-	-	-
RUW101MW	-	-	-	-	-	-	RUW101MW	-	-	-
-	-	-	-	-	-	-	-	-	-	-
RUZH200	-	-	-	-	RPZF1 (for 1 pole relays)	-	-	-	-	-
RUZL420	-	-	-	-	-	-	-	-	-	-
RUZS2	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	RPZ1DA	RXZE2DA	RPZ3DA	RPZ4DA	-	-
-	-	-	-	-	RPZ1FA	RXZE2FA	RPZ3FA	RPZ4FA	-	-

(4) 30A with 13 mm space between relays; 25 A when relay mounting side by side

(5) Max 10 A operating

(6) With LED

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<b>Type of relay</b>		<b>Pre-assembled equipped with LED and protection circuit</b>	
		<b>Sold in lots of 10</b>	
<b>Contact characteristics</b>			
Thermal current I <sub>th</sub> in A	6		
Number of contacts	1 C/O		
Contact material	AgSnO <sub>2</sub>		
Switching voltage, min/max	12 / 300 V AC/DC		
Switching capacity min/max (mA /VA)	100 / 1500		
<b>Coil characteristics</b>			
Average consumption, inrush	0.17 W		
permissible voltage variation	-10% / +15%		
Socket connexion	Screw connector		Spring terminal
	Socket supply voltage	Coil supply voltage	
References	12 V AC/DC	12 V DC	RSL1PVJU
	24 V AC/DC	24 V DC	RSL1PVBU
	48 V AC/DC	48 V DC	RSL1PVEU
	110 V AC/DC	60 V DC	RSL1PVFU
	230 V AC/DC	60 V DC	RSL1PVPU
			RSL1PRJU
			RSL1PRBU
			RSL1PREU
			RSL1PRFU
			RSL1PRPU

### RSL relays



<b>Type of relay</b>		<b>Relay for customer assembly</b>	
		<b>Sold in lots of 10</b>	
Number of contacts	1 C/O		
	Coil supply voltage		
References	12 V DC	RSL1AB4JD	
	24 V DC	RSL1AB4BD	
	48 V DC	RSL1AB4ED	
	60 V DC	RSL1AB4ND	

### Sockets



<b>Type of socket</b>		<b>Sockets for customer assembly with LED and protection circuit</b>	
		<b>Sold in lots of 10</b>	
Socket connection	Screw connector		Spring terminal
	Socket supply voltage		
References	12 and 24 V AC/DC	RSLZVA1	RSLZRA1
	48 and 60 V AC/DC	RSLZVA2	RSLZRA2
	110 V AC/DC	RSLZVA3	RSLZRA3
	230 V AC/DC	RSLZVA4	RSLZRA4