

TPM Part / No.	25D-1A□1N3	25D-2A□1D3	90H-1A□1N3-60	90H-2A□1N3-60	
SANYU Part / No.			URM-191○○GTNB	URM-291○○GTNB	
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm	20.3 x 5.0 x 6.5	20.3 x 7.8 x 6.2	28.0 x 8.5 x 8.5	32.0 x 12.2 x 8.5	
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	1 Form A	2 Form A	1 Form A	
	Coil Rating Voltage	5 V / 160Ω 12 V / 600Ω 24 V / 1800Ω	5 V / 150Ω 12 V / 600Ω 24 V / 2000Ω	5 V / 250Ω 12 V / 1000Ω 24 V / 4000Ω	5 V / 160Ω 12 V / 800Ω 24 V / 3200Ω
	Contact Rating	10 W	10 W	100 W	100 W
	Contact Current	0.5 Amp	0.5 Amp	1.0 Amp	1.0 Amp
	Carry Current	1.0 Amp	1.0 Amp	2.8 Amp	2.8 Amp
	Switching Voltage	100 VDC	100 VDC	1000 VDC	1000 VDC
	Contact Voltage	200 VDC	200 VDC	2000 VDC	3000 VDC
	Contact Resistance	150 mΩ	150 mΩ	150 mΩ	150 mΩ
	Insulation Resistance	10 ¹³ Ω min.	10 ¹³ Ω min.	10 ¹³ Ω min.	10 ¹³ Ω min.
	Operate Time	0.5 mS	0.5 mS	1.0 mS	1.0 mS
	Release Time	0.5 mS	0.5 mS	1.0 mS	1.0 mS
	Operating temperature				
Reflow temperature					
電氣壽命 (代表例) Electrical Life	DC.1.0V,10mA 1000×10⁶ (R負荷)	DC.1.0V,10mA 1000×10⁶ (R負荷)	DC.1.0V,10mA 100×10 ⁶ (R負荷)	DC.1.0V,10mA 100×10 ⁶ (R負荷)	
High-frequency response					
外觀尺寸 DIMENSION					
	<p>TPM Part Ordering Code : □ = 1 (5VDC); 2 (12VDC); 3 (24VDC); 5 (3.3VDC)</p> <p>SANYU Part Ordering Code: ○○ = 03 (3.3VDC); 05 (5VDC); 12 (12VDC); 24 (24VDC)</p>				

TPM Part / No.	95D-1A□4N4	95D-2A□4N4	95D-3A□4N4	95D-1E□4N4	
SANYU Part / No.	URM-P129○○GTOE	URM-P229○○GTOE	URM-P329○○GTOE		
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm	29.0 x 10.2 x 8.3	29.0 x 12.8 x 8.3	29.0 x 16.6 x 8.6	32.0 x 12.8 x 8.3	
回路接續圖 Figure.(TOP VIEW)					
電氣規格	Contact Form	1 Form A	2 Form A	3 Form A	1 Form C(1A+1B)
	Coil Rating Voltage	5 V / 450Ω 12 V / 2500Ω 24 V / 8000Ω	5 V / 260Ω 12 V / 1500Ω 24 V / 6000Ω	5 V / 180Ω 12 V / 1000Ω 24 V / 4000Ω	5 V / 250Ω 12 V / 1200Ω 24 V / 6000Ω
	Contact Rating	50 W	50 W	50 W	50 W
	Contact Current	0.5 Amp	0.5 Amp	0.5 Amp	0.5 Amp
	Carry Current	2.8 Amp	2.8 Amp	2.8 Amp	2.8 Amp
	Switching Voltage	350 VDC	350 VDC	350 VDC	350 VDC
	Contact Voltage	500 VDC	500 VDC	500 VDC	400 VDC
	Contact Resistance	150 mΩ	150 mΩ	150 mΩ	150 mΩ
	Insulation Resistance	10¹⁴Ω min.	10¹⁴Ω min.	10¹⁴Ω min.	10¹⁴Ω min.
	Operate Time	1.0 mS	1.0 mS	1.0 mS	1.0 mS
	Release Time	1.0 mS	1.0 mS	1.0 mS	1.0 mS
	Operating temperature				
	Reflow temperature				
電氣壽命 (代表例) Electrical Life	DC.1.0V,10mA 1000×10⁶ (R負荷)	DC.1.0V,10mA 1000×10⁶ (R負荷)	DC.1.0V,10mA 1000×10⁶ (R負荷)	DC.1.0V,10mA 1000×10⁶ (R負荷)	
High-frequency response					
外觀尺寸 DIMENSION					
TPM Part Ordering Code : □ = 1 (5VDC); 2 (12VDC); 3 (24VDC); 5 (3.3VDC)					
SANYU Part Ordering Code: ○○ = 03 (3.3VDC); 05 (5VDC); 12 (12VDC); 24 (24VDC)					

TPM Part / No.	90D-1A21K32	90D-2A21K32	90D-3A□1K32	
SANYU Part / No.				
外觀形狀 Appearance				
尺寸 Size (LxWxH) mm	28.0 x 8.5 x 8.5	28.0 x 12.3 x 8.5	28.0 x 15.5 x 8.8	
回路接續圖 Figure.(TOP VIEW)				
電氣規格	Contact Form	1 Form A	2 Form A	3 Form A
	Coil Rating Voltage	12 V / 1000Ω	12 V / 1200Ω	5 V / 125Ω 12 V / 800Ω 24 V / 2400Ω
	Contact Rating	50 W	50 W	50 W
	Contact Current	0.5 Amp	0.5 Amp	0.5 Amp
	Carry Current	2.8 Amp	2.8 Amp	2.8 Amp
	Switching Voltage	350 VDC	350 VDC	350 VDC
	Contact Voltage	500 VDC	500 VDC	500 VDC
	Contact Resistance	150 mΩ	150 mΩ	150 mΩ
	Insulation Resistance	10 ¹³ Ω min.	10 ¹³ Ω min.	10 ¹³ Ω min.
	Operate Time	1.0 mS	1.0 mS	1.0 mS
	Release Time	1.0 mS	1.0 mS	1.0 mS
	Operating temperature			
	Reflow temperature			
電氣壽命 (代表例) Electrical Life	DC.1.0V,10mA 1000×10⁶ (R負荷)	DC.1.0V,10mA 1000×10⁶ (R負荷)	DC.1.0V,10mA 1000×10⁶ (R負荷)	
High-frequency response				
外觀尺寸 DIMENSION				
TPM Part Ordering Code : □ = 1 (5VDC); 2 (12VDC); 3 (24VDC); 5 (3.3VDC)				
SANYU Part Ordering Code: ○○ = 03 (3.3VDC); 05 (5VDC); 12 (12VDC); 24 (24VDC)				