



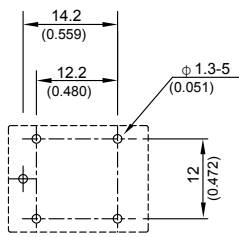
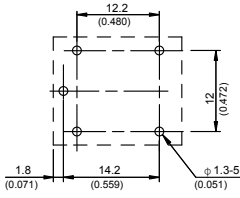
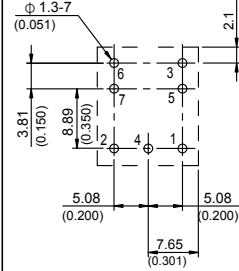
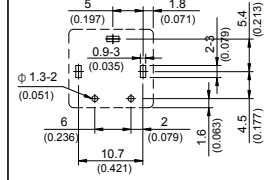






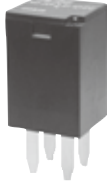







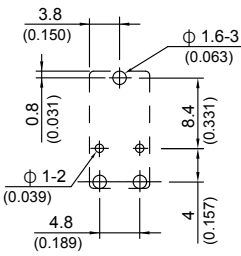
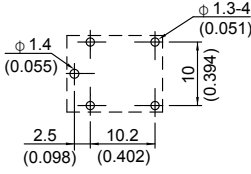
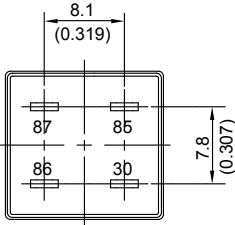
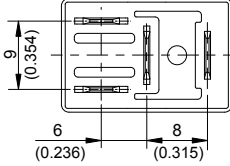
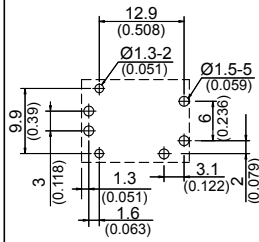



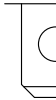



Relays Selection Chart









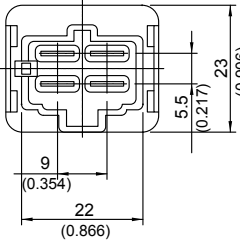
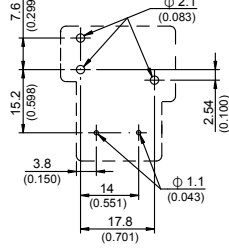
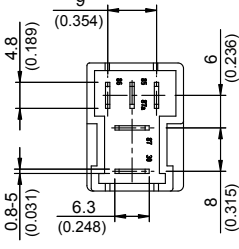
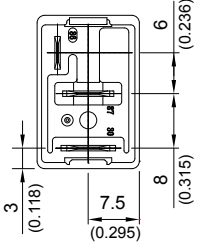
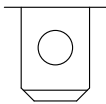
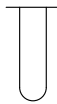
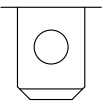
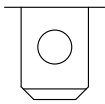
Type	812HM	833HM	861	102	
Photo					
Description					
Outline (L×W×H) mm No including terminals	21 × 16 × 16.3	19 × 15.5 × 15	17.5 × 15 × 19.5	14.2 × 13.2 × 9.7	
Contact configuration	1A · 1C	1A · 1B · 1C	SP DM-DB	1A · 1C	
Max. Allowable Contact current (A)	45				
	40				
	35				
	30				
	25				
	20	15A	15A	15A	20A
	15				
	10				
5					
3					
Contact rating Resistive load	15A 14VDC	15A 14VDC	15A 14VDC SPDM : 10A×2 14VDC	NO : 20A 14VDC NC : 10A 14VDC	
Coil voltage	DC	9 · 12 · 24V	9 · 12 · 24V	6 · 9 · 12 · 24V	6 · 9 · 12 · 24V
	AC	-----	-----	-----	-----
Power consumption	DC	0.64W	0.45W	1.1W	0.64W
	AC	-----	-----	-----	-----
Life expectancy					
Mechanical (Min.)	1×10 ⁷	1×10 ⁷	1×10 ⁷	1×10 ⁷	
Electrical (Min.)	1×10 ⁵	3×10 ⁴	1×10 ⁵	1×10 ⁵	
Dielectric strength	Open contact	500VAC	500VAC	500VAC	500VAC
	Contact and coil	500VAC	500VAC	500VAC	500VAC
	Contact circuits	-----	-----	-----	-----
Terminal layout					
mm (inch) Bottom view (PCB layout)					
Terminal type					
Page no.	209~211	212~214	215~218	219~221	



Relays Selection Chart

103	895	303	108	905
				
14.4 × 7.6 × 13.7	15.5 × 12 × 13.8	16 × 15 × 23.7	22.5 × 15 × 16	16.6 × 12.6 × 17
1A · 1C	1A · 1C · 2A	1A	1A	1A · 1C
				
NO : 20A 14VDC NC : 10A 14VDC	NO : 20A 14VDC NC : 10A 14VDC	20A 14VDC 10A 28VDC	25A 14VDC	NO : 30A 14VDC NC : 20A 14VDC
6 · 9 · 12 · 24V	5 · 9 · 12 · 24V	12 · 24V	12V	12V
-----	-----	-----	-----	-----
0.64W	0.64W · 1.0W · 0.8W	0.96W	0.8W	0.72W
-----	-----	-----	-----	-----
1 × 10 ⁷	1 × 10 ⁷	1 × 10 ⁷	1 × 10 ⁶	1 × 10 ⁷
1 × 10 ⁵	1 × 10 ⁵	1 × 10 ⁵	1 × 10 ⁵	1 × 10 ⁵
500VAC	500VAC	500VAC	500VAC	500VAC
500VAC	500VAC	500VAC	500VAC	500VAC
-----	-----	-----	-----	-----
				
		280 		
222~224	225~228	229~231	232~233	234~235




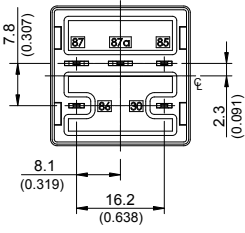
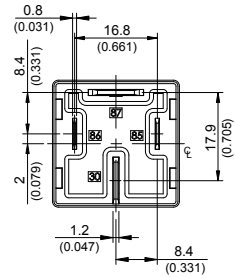
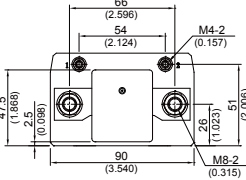
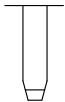
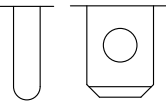
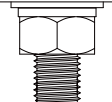
Relays Selection Chart

Type		804	832AM	871	871A
Photo	Photo				
	Description				
Outline (L×W×H) mm No including terminals		27.7 × 23 × 29.3	32.2 × 27.5 × 20.4	23 × 15.5 × 25.4	22.5 × 15 × 25.4
Contact configuration		1A	1A、1C	1A、1C	1A
Max. Allowable Contact current (A)	45				
	40				
	35				
	30				
	25				
	20				
	15				
	10				
5					
3					
Contact rating Resistive load		30A 12VDC 15A 24VDC	1A : 30A 14VDC 1C : NO 20A/NC 10A 14VDC	NO : 35A 14VDC 15A 28VDC NC : 20A 14VDC 10A 28VDC	35A 14VDC
Coil voltage	DC	12、24V	9、12、24V	6、12、24V	12V
	AC	-----	-----	-----	-----
Power consumption	DC	1.4W	0.93W	1.2W	1.2W
	AC	-----	-----	-----	-----
Life expectancy					
Mechanical (Min.)		5×10 ⁶	1×10 ⁷	1×10 ⁷	1×10 ⁶
Electrical (Min.)		1×10 ⁵	1×10 ⁵	1×10 ⁵	1×10 ⁵
Dielectric strength					
Open contact		500VAC	500VAC	500VAC	500VAC
Contact and coil		500VAC	500VAC	500VAC	500VAC
Contact circuits		-----	-----	-----	-----
Terminal layout					
mm (inch) Bottom view (PCB layout)					
Terminal type					
Page no.		236~238	239~241	242~245	246~247

Relays Selection Chart

301	611	822E OPEN	822E Cover	896
22.5 × 15 × 25	22.5 × 15 × 25.4	25 × 21 × 20	26.6 × 21.4 × 21.8	25.8 × 25.8 × 25
1A · 1C	1A	1A · 1B · 1C	1A · 1B · 1C	1A · 1B · 1C · 2A
35A	35A	40A	40A	50A
NO : 35A 14VDC 15A 28VDC NC : 20A 14VDC 10A 28VDC	35A 14VDC	1A : 40A 14VDC 1B : 30A 14VDC 1C : NO 40A/NC 20A 14VDC	1A : 40A 14VDC 1B : 30A 14VDC 1C : NO 40A/NC 20A 14VDC	896H : 50A 14VDC 20A 28VDC 896 : 40A 14VDC
6 · 12 · 24V	12V	6 · 9 · 12 · 24V	6 · 9 · 12 · 24V	12 · 24V
-----	-----	-----	-----	-----
1.2W	1.2W	1.6W · 1.2W	1.6W · 1.2W	1.6W
-----	-----	-----	-----	-----
1 × 10 ⁷	1 × 10 ⁶	1 × 10 ⁷	1 × 10 ⁷	1 × 10 ⁷
1 × 10 ⁵	1 × 10 ⁵	1 × 10 ⁵	1 × 10 ⁵	1 × 10 ⁵
500VAC	500VAC	500VAC	500VAC	500VAC
500VAC	500VAC	500VAC	500VAC	500VAC
-----	-----	-----	-----	-----
280				
248 ~ 250	251 ~ 252	253 ~ 257	253 ~ 257	258 ~ 263

Relays Selection Chart

Type		898	897	409
Photo	Photo			
	Description			
Outline (L×W×H) mm No including terminals		25.8 × 25.8 × 25	25.8 × 25.8 × 25	90 × 58 × 49.5
Contact configuration		1A · 1B · 1C	1A	1A
Max. Allowable Contact current (A)	45	50A	70A	200A
	40			
	35			
	30			
	25			
	20			
	15			
	10			
5				
3				
Contact rating Resistive load		898H: 50A 14VDC 20A 28VDC 898: 40A 14VDC	70A 14VDC 25A 28VDC	200A 24VDC
Coil voltage	DC	12 · 24V	12 · 24V	24V
	AC	-----	-----	-----
Power consumption	DC	1.6W	1.6W	4.8W
	AC	-----	-----	-----
Life expectancy	Mechanical (Min.)	1×10 ⁷	1×10 ⁷	1×10 ⁶
	Electrical (Min.)	1×10 ⁵	1×10 ⁵	5×10 ⁴
Dielectric strength	Open contact	500VAC	500VAC	1000VAC
	Contact and coil	500VAC	500VAC	1000VAC
	Contact circuits	-----	-----	-----
Terminal layout				
mm (inch) Bottom view (PCB layout)				
Terminal type		280 		
Page no.		264~268	269~274	275~276