

• Products	Field Switching Power	Compact Power Sensitive	High Inrush Current Capability	High Sensitivity	High Switching Capacity																										
	ST-RELAY	SP-RELAY	LK-RELAY	LK-S-RELAY	LK-P-RELAY																										
• Type of relay <small>mm inch</small>																															
• Features	<ul style="list-style-type: none"> • Large capacity in small size • High inrush capability 	<ul style="list-style-type: none"> • High sensitivity • High vibration and shock resistance • Wide switching range 	<ul style="list-style-type: none"> • High inrush current capability • High insulation resistance between contact and coil 	<ul style="list-style-type: none"> • High sensitivity 250 mW • High inrush current capability • High insulation resistance 	<ul style="list-style-type: none"> • High switching capacity 10A 277 VAC • High inrush current capability • High insulation resistance 																										
• Sealed types availability	●																														
• Latching types availability	●	●																													
• Contact material (Optional material)	Gold-flash over silver alloy	Silver alloy/gold-plated silver alloy	Silver alloy	Silver alloy	Silver alloy																										
• Contact rating chart Maximum (cos φ = 1)	<table border="1"> <tr><td>15 A</td><td rowspan="7"></td><td>15A 250V AC</td><td rowspan="7"></td></tr> <tr><td>10 A</td><td>10A 250V AC</td></tr> <tr><td>6 A</td><td></td></tr> <tr><td>5 A</td><td></td></tr> <tr><td>3 A</td><td></td></tr> <tr><td>2 A</td><td></td></tr> <tr><td>1 A</td><td></td></tr> </table>	15 A		15A 250V AC		10 A	10A 250V AC	6 A		5 A		3 A		2 A		1 A		<table border="1"> <tr><td>2c</td><td rowspan="2"></td><td>15A 250V AC</td><td rowspan="2"></td></tr> <tr><td>4c</td><td>10A 250V AC</td></tr> </table>	2c		15A 250V AC		4c	10A 250V AC		<table border="1"> <tr><td>5A 30V C</td><td rowspan="2"></td><td>5A 30V C</td></tr> <tr><td>5A: 30V AC 10A: 277V AC</td><td>5A: 30V AC 10A: 277V AC</td></tr> </table>	5A 30V C		5A 30V C	5A: 30V AC 10A: 277V AC	5A: 30V AC 10A: 277V AC
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• Minimum	1 mA 1V 100 μA 10 μA	1mA 10V 1mA 10V																													
• Max. switching voltage	380V AC	30V DC, 250V AC	30V DC, 277V AC	277V AC	277V AC, 30V DC																										
• Contact arrangement	1a1b, 2a	2c,4c	1a	1a	1a																										
• Life (Min. operation)	Electrical	10 ⁵	10 ⁵	10 ⁵	10 ⁵																										
	Mechanical	10 ⁷	5 × 10 ⁷	2 × 10 ⁶	10 ⁵	2x10 ⁶																									
• Break-down voltage	Between open contacts	1,200Vrms	1,500Vrms	1,000Vrms	1,000Vrms																										
	Between contact sets	2,000Vrms	3,000Vrms	—	—																										
	Between contacts and coil	3,750Vrms	3,000Vrms	4,000Vrms	4,000Vrms																										
	Between live parts and ground	—	—	—	—																										
• Surge withstand voltage	6,000V surge		10,000V surge	10,000V Bellcore	10,000V Bellcore																										
• Coil voltage	(DC) 3, 5, 6, 9, 12, 24, 48V	(DC) 3, 5, 6, 12, 24, 48V	(DC) 12, 24V	(DC) 5, 9, 12, 24V	(DC) 12, 24V																										
• Nominal operating power	240mW	300mW	530mW	250mW	530mW																										
• Terminal layout (Bottom View) • coil terminal (.100 inch grid)																															
• Standards	UL (E43028), VDE, CSA (LR26550)	UL (E43028), CSA (LR26550)	UL (E43028), CSA (LR26650), TV rating	UL CSA	UL CSA																										
• Mounting method																															

Note: Meaning of symbol marks : PC board terminal; : Plug-in; : Top-mounting; : Top-mounting with PC board terminals; : Surface-mounting