



NingBo Songle Relay Co.,LTD.

SLD



- 1、 High temperature version.
- 2、 Contact rating up to 30A,40A/14VDC.
- 3、 Standardized design for plug-in quick connect terminals.
- 4、 1 form A,1 form B,1 form C and 2form A arrangements.
- 5、 Optional mounting bracket with steel.

◆ COLL SPECIFICATION [at25degrees]

Nominal Voltage (VDC)	Coil resistance (ohm) $\pm 10\%$	Pull-in Voltage (VDC)	Drop-out Voltage (VDC)	Max-Allow Able Voltage(VDC)
	abt 1.60w	%of nominal voltage (VDC)		
5	16	70%Max	10%Min	125%
6	19			
9	50			
12	90			
18	203			
24	360			

◆ PERFORMANCE[at initial value]

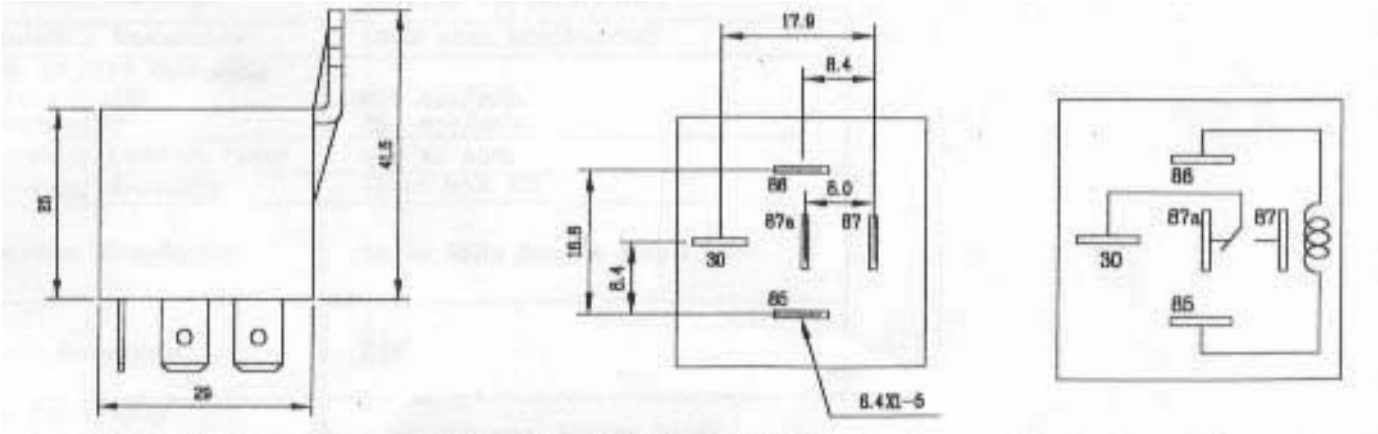
Contact Rsistance	100 mhom Max
Operate time	10 msec. Max
Release time	10 msec. Max
Dielectric Strength	
Between coil & contact	1500VAC 50/60Hz(1min)
Between contacts	1000VAC 50/60Hz(1min)
Insulaton Resistance	100M ohm Min(500VDC)
Max. ON/OFF Switching	
Mechanically	300 ops/min
Electrically	20 ops/min
Operating Ambient temp	-30 to 85degrees
Operating Humidity	45 to 85% RH
Vibration Resistance	10 to 55Hz Double Amp.1.5mm
Shock Resistance	20G
Life Expectancy	
Mechanically	1,000,000 ops. Min(no load)
Electrically	100,000 ops. Min(at rated coil volt.)
Weight	Abt.40grs

◆CONTACT RATING

Contact Form	SPDT
Contact Capacity	40A/14VDC
Resistave Load(cosØ=1) Inductiv Load(cosØ=0.4) L/R=7msec	30A/14VDC
Contact Material	AgSnO

◆NOTE:Contact rating 1:30A/14VDC 2:40A/14VDC

◆OUT LINE DIMENSIONS [UNIT:mm] PCB LAYOUT[UNIT:mm] WIRING DIAGRAM



◆ORDER INFORMATION

SLD	12VDC	S	L	C
Model of relay	Nminal coil voltage	Structure	Coil sensitivity	Contact form
SLD	03,05,06,09,12,24VDC	S:Sealed type	L:1.60w	A: 1 form A
		F:Flux free type	D:Special	B: 1 form B
				C: 1 form C