

الحمادي للإلكترونيات
ALHAMMADI FOR ELECTRONICS

AUTORELAY



	RELAY ISO9002	JD1912 JD1914
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1. MAIN FEATURES

30A/40A switching use relay at ambient temperature of 80°C.
 Compatible Fasten Terminal arrangement with this kind of power relay.
 Simple magnetic circuit to meet mass production for low cost offer.
 Operating ambient temperature range covers from -30°C to 80°C.

2. APPLICATIONS

For direct connection with Cell Motors, Transmission, etc. and Anti-Locking Brake System.

3. ORDERING INFORMATION

SLD	XX VDC	S	L	C
Model of relay	Nominal coil voltage	Structure	Coil sensitivity	Contact form
SLD	05,06,09,12,18,24VDC	S:Sealed type	L:1.6W	A:1 form A
		F:Flux free type	D:Special	B:1 form B
				C:1 form C

4. RATING

30A/14VDC 40A/14VDC

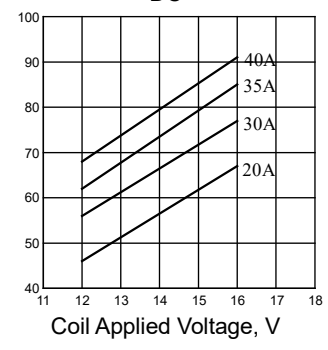
5. DIMENSION(unit:mm)

DRILLING(unit:mm)

WIRING DIAGRAM

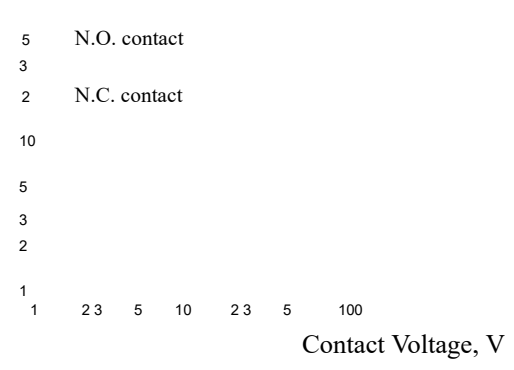
Between contacts	750VAC 50/60Hz (1 minute)
Insulation Resistance	100 MΩ Min. (500VDC)
Max. ON/OFF Switching	
Mechanically	300 operation/min
Electrically	30 operation/min
Operating Ambient Temperature	-40°C to +125°C
Operating Humidity	45 to 80% RH
Coil Temperature Rise	60 deg. Max. (at rated coil voltage)
Vibration	
Endurance	10 to 55Hz Double Amplitude 1.5mm
Error Operation	10 to 55Hz Double Amplitude 1.5mm
Shock	
Endurance	100G Min.
Error Operation	10G Min.
Life Expectancy	
Mechanically	10 ⁷ ops.
Electrically	10 ⁵ ops.
Weight	abt. 40grs.

2-(1). Coil temperature rise (resistive)
 Ambient temperature : 20°C, 68°C
 Contact carrying current :
 20A, 30A, 35A, 40A
 Coil applied voltage : 12V, 14V, 16V
 DC



9. REFERENCE DATA

1. Maximum value for switching capacity No. of operations : 10⁵



2-(1)Coil temperature rise (resistive) Ambient temperature: 20°C, 85°C,
 125°C; 68°F, 185°F, 257°F
 Contact carrying current : 40A

