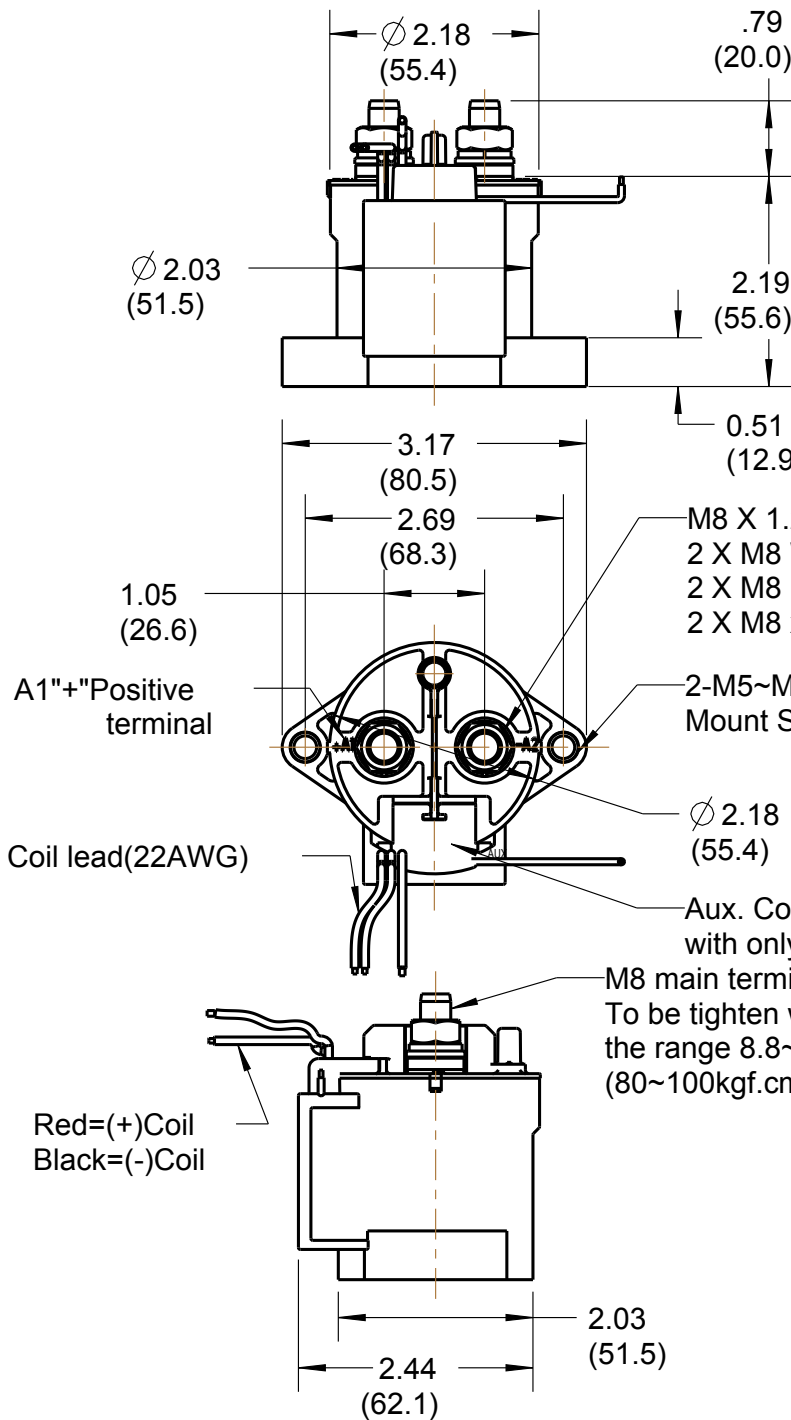
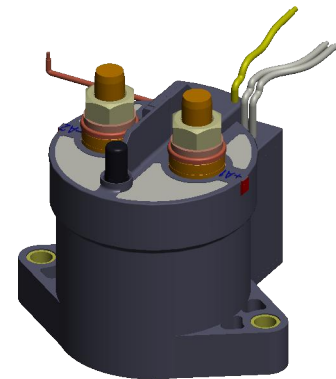


**MAKE & BREAK LOAD SWITCHING
 GAS CHARGE RELAY**

JEV250


NOTES:

- M8 X 1.25 POWER TERMINALS
- 2 X M8 WASHER, STAINLESS
- 2 X M8 LOCKWASHER-SPLIT RING, STAINLESS
- 2 X M8 x 1.25 NUT STAINLESS
- 2-M5~M6 BOLT Mount Screw
- A1" + "Positive terminal
- Coil lead (22AWG)
- Aux. Contact lead wire with only EVR250A (White, 22AWG)
- M8 main terminals To be tighten within the range 8.8~11Nm (80~100kgf.cm)
- Red=(+)Coil Black=(-)Coil



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CODE IDENT.NO.	SIZE	DRAWING NO.
			A	JEV250
DECIMALS	ANGLES			
X±.1, X.X ±.05, X.XX±.01	±2°	DATE: 12/21/2015	WEIGHT: 14.82 oz	SHEET: 1 OF 3

**MAKE & BREAK LOAD SWITCHING
 GAS CHARGE RELAY**

JEV250

MAGNET COIL RATING							
NOMINAL VOLTAGE (V)	ITEM	INRUSH COIL CURRENT 100ms (MAX.)	HOLDING COIL CURRENT (mA)	PICK-UP VOLTAGE (V) MAX.	DROP-OUT VOLTAGE (V) MIN.	HOLDING VOLTAGE (V) MIN.	MAX VOLTAGE (V)
72	72	1.3A	0.045-0.07A	32VDC	18VDC	22VDC	95VDC
	60						
	36						
36	36	3.8A	0.09A	9VDC	6VDC	7.5VDC	36VDC
	24		0.13A				
	12		0.27A				
12		1.2A	0.27A	9VDC	6VDC	7.5VDC	18VDC
24		0.7A	0.20A	18VDC	12VDC	13.5VDC	32VDC

CHARACTERISTICS			
EXPECTED LIFE	MECHANICAL(MIN.)		2x10 ⁶
	ELECTRIC (MIN.) (L/R=<1ms)	450V DC 250A	6x10 ³
		250V DC 250A	1x10 ⁵
INITIAL INSULATION RESISTANCE			MIN. 100Mohms 500V DC
INITIAL BREAKDOWN VOLTAGE	BETWEEN OPEN CONTACTS		3500V AC 60 Sec. 5mA
	BETWEEN CONTACT & COIL		3500V AC 60 Sec. 5mA
OPERATE TIME(AT 20C)			MAX. 30ms
RELEASE TIME(AT 20C)			MAX. 10ms
SHOCK RESISTANCE	FUNCTIONAL		MIN.196m/s ² {20G}
	DESTRUCTIVE		MIN.490m/s ² {50G}
VIBRATION RESISTANCE	FUNCTIONAL		100m/s ² {20G} 80 to 2000Hz
	DESTRUCTIVE		100m/s ² {20G} 80 to 2000Hz
CONDITIONS FOR OPERATION TRANSPORT AND STORAGE	AMBIENT TEMPERATURE		-40C to +85C
	HUMIDITY		5 to 85% R.H.
UNIT WEIGHT			420g

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CODE IDENT.NO.	SIZE	DRAWING NO.
DECIMALS	ANGLES		A	JEV250
X±.1, X.X ±.05, X.XX±.01	±2°	DATE: 12/21/2015	WEIGHT: 14.82 oz	SHEET: 2 OF 3



REV	A
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**MAKE & BREAK LOAD SWITCHING
GAS CHARGE RELAY**

JEV250

CONTACT RATING	
ITEM	1 POLE RESISTIVE LOAD (L/R=<1ms)
MAX. CONTINUOUS CURRENT (WIRE SIZE 185mm ²)	300A
MAX. SWITCHING CURRENT	250A
MAX. SWITCHING CAPACITY AAT MAX. VOLTAGES	1000VDC 80A
CONTACT RATING SWITCHING VOLTAGES	12-1200VDC
MAX. CUT-OFF CURRENT	300VDC 1000A 10 Ops / 300VDC 1500A 3 Ops
C-R LOAD (CHARGING)	3500V 1500A 4,000 Ops / 500VDC 500A 30,000 Ops
VOLTAGE DROP ACROSS CONTACTS PER 100A	30mV Max.
MIN. PERMISSIBLE LOAD	12V DC 0.5A
DESCRIPTION	S.P On/Off (a)
CONTACT ARRANGEMENT, AUXILIARY CONTACTS	1Form A (SPST-NO.)
GENERAL AUX. CONTACT CURRENT, MAX.	2A 30VDC / 3A 125VAC
GENERAL AUX. CONTACT CURRENT, MIN.	100mA 8VDC
GOLD ALLOW AUX. CONTACTS MAX.	0.1A 30VDC / 0.1A 30VAC
GOLD ALLOW AUX. CONTACTS MIN.	1mA 5VDC / 1mA 5VAC

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CODE IDENT.NO.	SIZE	DRAWING NO.
			A	JEV250
DECIMALS	ANGLES			
X±.1, X.X ±.05, X.XX±.01	±2°	DATE: 12/21/2015	WEIGHT: 14.82 oz	SHEET: 3 OF 3