

# SU60

## HEAVY DUTY D.C. CONTACTORS FOR ELECTRIC VEHICLES & OTHER HIGH CURRENT APPLICATIONS

*Albright* International announces a new addition to its DC Contactor range: **The SU60**

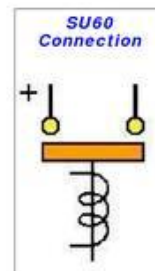
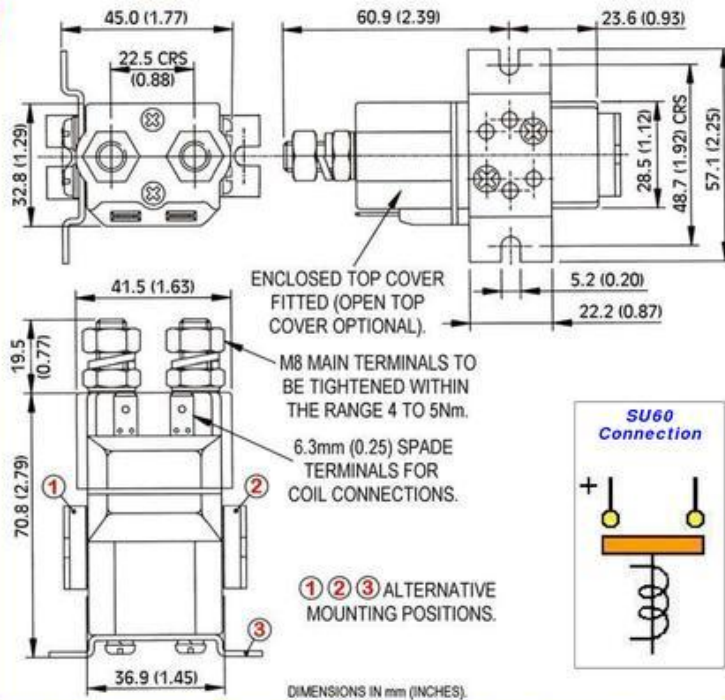
This freestanding compact contactor follows the established design of the SW60 but has higher electrical ratings. The majority of the features available on the SW60 are also available on this new range of Contactors:

- Magnetic Blowouts,
- Auxiliary Contacts,
- Open or fully enclosed contact housings,
- Coil Suppression,
- Environmentally Protected "P" & Magnetically Latched "M" Options,
- Alternative Mounting Arrangements, as shown in the dimensional drawing below.



These contactor variants are an innovative & unique introduction from the World's leading manufacturer of DC Contactors.

PERFORMANCE DATA	
<b>PERFORMANCE DATA</b>	
<b>Thermal current Rating (100%):</b>	Up to 100 Ampere
<b>Reduced Duty Cycle Rating:</b>	
30% - 180 Ampere	60% - 130 Ampere
40% - 160 Ampere	70% - 120 Ampere
50% - 150 Ampere	
<b>Typical Inductive Fault Currents that can be ruptured (5ms time constant):</b>	
SU60:	500 Amperes at 48V D.C.
SU60B:	500 Amperes at 96V D.C.
<b>Maximum Recommended Contact Voltages:</b>	
SU60:	48V D.C.
SU60B:	96V D.C.
<b>Typical Voltage Drop across New Contacts:</b>	
	50mV @ 100 Ampere
<b>Mechanical Life:</b>	
	>3,000,000
<b>Coil Power Dissipation:</b>	
Continuously Rated Types (100% Duty Cycle):	5 - 7 Watts
Prolonged Rated Types (90% Duty Cycle):	7 - 10 Watts
Intermittently Rated Types (50% Duty Cycle):	10 - 14 Watts
Intermittently Rated Types (25% Duty Cycle):	14 - 21 Watts
<b>Maximum Pull-in Voltage (Coil at 20°C):</b>	
Intermittently Rated Types:	60%V
Continuously Rated Type:	66%V
<b>Typical Drop-out Voltage:</b>	
	10-25%V
<b>Typical Pull-in time (n/o contacts to close):</b>	
	15ms
<b>Typical Drop-out time (n/o contacts to Open):</b>	
Without Suppression:	6ms
With Diode Suppression:	35ms
<b>Typical Contact Bounce Period:</b>	
	3ms



**Please Note:** All performance data provided should be used as a guide only. Some de-rating or variation from these figures may be necessary according to type and application.

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# Albright

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