



# SW150 & SW250 HEAVY DUTY D.C. CONTACTORS FOR POWER DISTRIBUTION CENTRES



Albright International announces two new additions for use within the Telecommunications

market: The SW150 & The SW250

These busmountable compact contactors follow the recognised design of the SW260 series of contactors. The majority of the features available on the SW260 series are also available on these two new ranges of Contactors:

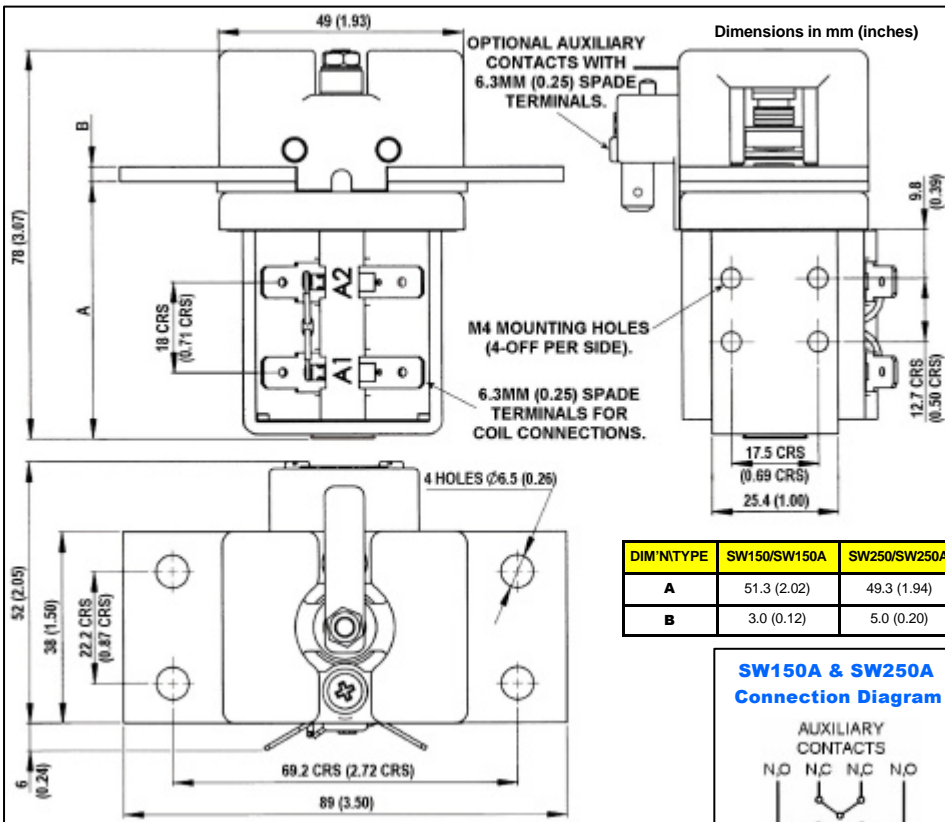
- Coil Suppression & Auxiliary Contacts
- Mounting bracket kits are available for alternative mounting arrangements.

In addition, both types are available with Magnetic Latching which enables them to remain closed whilst consuming no coil power. (See separate brochure – "Power Consumption Reduction for Albright Contactors").

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



**SW150A**



### PERFORMANCE DATA

**Thermal current Rating (100%):**  
SW150 Up to 150 Ampere  
SW250 Up to 250 Ampere

**Typical Fault Currents that can be ruptured (Resistive Load):**  
SW150: 225 Amperes at 60V D.C.  
SW250: 375 Amperes at 60V D.C.

**Maximum Recommended Contact Voltages:**  
60V D.C.

**Typical Voltage Drop across New Contacts When new at maximum rated load:** 50mV

**Mechanical Life:** >1,000,000

**Coil Power Dissipation:**  
Continuously Rated Types: 7 - 13 Watts

**Maximum Pull-in Voltage (Coil at 20°C):**  
Continuously Rated Type: 66%V

**Typical Drop-out Voltage:** 10-30%V

**Typical Pull-in time (n/o contacts to close):** 15ms

**Typical Drop-out time (n/o contacts to Open):**  
Without Suppression: 6ms  
With Diode Suppression: 35ms

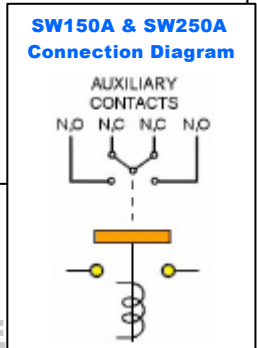
**Typical Contact Bounce Period:** <5ms

**Busbar Size:**  
The minimum copper busbar size for the maximum continuous current rating is:  
SW150A 38mm x 3mm (1.50 x 0.12 Inches)  
SW250A 38mm x 5mm (1.50 x 0.20 Inches)

The thermal current ratings stated for the contactors are dependant upon the size of busbar being used for the required duty. For maximum continuous ratings, the busbars should not be less than the sizes stated.

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

**NEW & EXCLUSIVE**



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