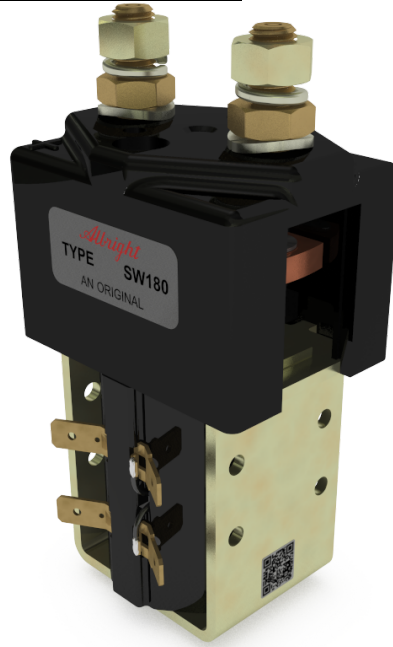


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SW180

NO - SP - ST

The SW180 has been designed for direct current loads, including motors as used on electric vehicles such as industrial trucks. Developed for both interrupted and uninterrupted loads, the SW180 is suitable for switching Resistive, Capacitive and Inductive loads.

The SW180 features single pole single throw, double breaking main contacts with silver alloy tips, which are weld resistant, hard wearing and have excellent conductivity. The SW180 has M8 stud main terminals and 6.3mm spade coil connections. It can be mounted via M5 tapped holes or mounting brackets – either supplied fitted, or as separate items. Mounting can be horizontal or vertical, when vertical the M8 contact studs should point upwards. If the requirement is for downwards orientation we can adjust the contactor to compensate for this.

TECHNICAL INFORMATION

APPLICATION	INTERRUPTED	UNINTERRUPTED
Thermal Current Rating	150A	200A
Intermittent Current Rating:		
30% Duty	275A	365A
40% Duty	235A	315A
50% Duty	210A	285A
60% Duty	195A	260A
70% Duty	180A	240A
Rated Fault Current Breaking Capacity (Icn) 5ms Time Constant: <i>(In accordance with UL583*)</i>		
Blowouts	1000A at 96V D.C.	
No Blowouts	1000A at 48V D.C.	
Rated Fault Current Breaking Capacity (Icn) Resistive Load: <i>(In accordance with UL508*)</i>		
Blowouts	300A at 96V D.C.	
No Blowouts	300A at 60V D.C.	
Maximum Recommended Contact Voltages		
Blowouts	96V	96V
No Blowouts	48V	60V
Typical Voltage Drop per pole across New Contacts at	30mV	

150A

Mechanical M.T.B.F

>5000000 Operations

Coil Voltage Available (Us) (Rectifier board required for A.C.)

6 - 240V

FEATURES

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