

The SU80P is an up-rated version of the SW80P designed for Interrupted and Uninterrupted applications. It is sealed to IP66 and has been designed for direct current loads in more arduous environments. It is suitable for switching Resistive, Capacitive and Inductive loads. Typical applications include, but are not limited to, electric motors, ollers.

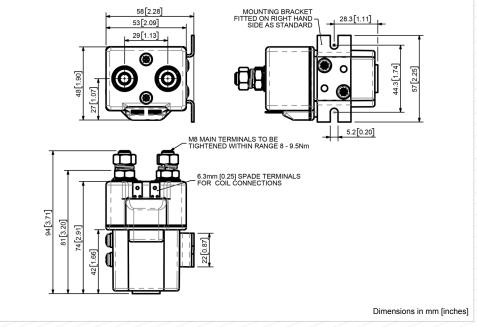
nydraulic power packs,	winches and			
Application	Interrupted	Uninterrupted		
Thermal Current Rating ( <sup>1</sup> th)	150A	200A		
Intermittent Current Rating:				
30% Duty	275A	365A		
40% Duty	235A	315A		
50% Duty	210A	280A		
60% Duty	190A	260A		
70% Duty	180A	240A		
Rated Fault Current Breaking Ca (in accordance with UL583*)	pacity ( <sup>I</sup> cn) 5ms Tir	ne Constant:		
Blowouts	800A at	800A at 80V D.C.		
No Blowouts	800A at	800A at 48V D.C.		
Rated Fault Current Breaking Ca (in accordance with UL508*)	pacity ( <sup>/</sup> cn) Resistiv	ve Load:		
Blowouts	300A at	96V D.C.		
No Blowouts	300A at	300A at 48V D.C.		
Maximum Recommended Contac	ct Voltages (U <sub>e</sub> ):			

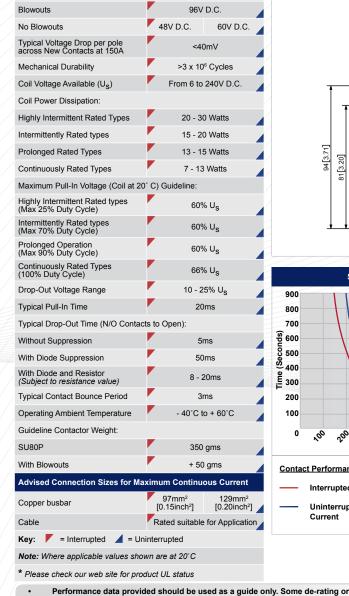
- Interrupted current opening and closing on load with frequent switching (results in increased contact resistance).
- Uninterrupted current no or infrequent load switching requirements (maintains a lower contact resistance).

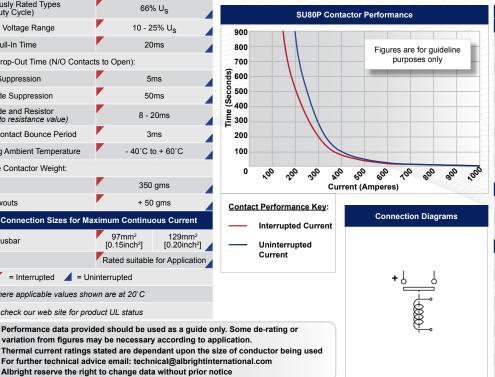
The SU80P features single pole double breaking main contacts with silver alloy tips, which are weld resistant, hard wearing and have excellent conductivity. The SU80P features an enclosed top cover and offers environmental protection to IP66. It has M8 stud main terminals and 6.3mm spade coil connections. Mounting can be vertical or horizontal, 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.



SU80P







SU80P Available Options				
General		Suffix		
Auxiliary Contacts	X			
Auxiliary Contacts - V3	X			
Magnetic Blowouts <sup>†</sup>	0	В		
Magnetic Blowouts - High Powered†	X			
Armature Cap	X			
Mounting Brackets (see Stud Range Catalogue)	•			
Magnetic Latching <sup>†</sup> (Not fail safe)	0	M		
Closed Contact Housing	•			
Environmentally Protected IP66	•	Р		
EE Type (Steel Shroud)	X			
Contacts				
Large Tips	0	L		
Textured Tips	0	Т		
Silver Plating	X			
Coil				
AC Rectifier Board (Fitted)	X			
Coil Suppression <sup>†</sup>	0			
Flying Leads	X			
Manual Override Operation	X			
M4 Stud Terminals	X			
M5 Terminal Board	X			
Vacuum Impregnation	0			
Key: Optional ○ Standard • No	ot Availab	le X		
† Connections become polarity sensitive				