

The SW85P has been designed for direct current loads, particularly motors as used on electric vehicles such as industrial trucks. Developed for both interrupted and uninterrupted loads, the SW85P is suitable for switching Resistive, Capacitive and Inductive loads.

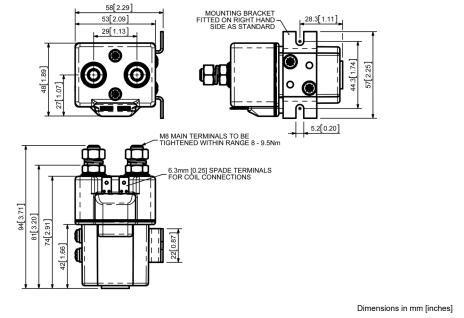
- Interrupted current opening and closing on load with frequent switching (results in increased contact resistance).
- Uninterrupted current no or infrequent load switching requirements (maintains a lower contact resistance).

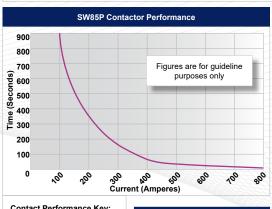
Application	Interrupted	Uninterrupted	
Thermal Current Rating (¹ th)	100A		
Intermittent Current Rating:			
30% Duty	18	35A	
40% Duty	16	60A	
50% Duty	14	10A	
60% Duty	13	30A	
70% Duty	12	20A	
Rated Fault Current Breaking Capacity (^I cn) 5ms Time Constant: (in accordance with UL583*):			
SW85P	800A	at 48V	

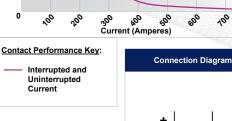
The SW85P features single pole double breaking main contacts with silver alloy tips, which are weld resistant, hard wearing and have excellent conductivity. The SW85P features an enclosed top cover and offers environmental protection to IP66. The SW85P has M8 stud main terminals and 6.3mm spade coil connections. Mounted using supplied brackets, mounting can be horizontal or vertical, when vertical the M8 contact studs should point downwards. If the requirement is for upwards orientation we can adjust the contactor to compensate for this. Please note normally closed contacts are not designed to make and break load.











	SWOOF Available Options			
	General		Suffix	
	Auxiliary Contacts	Х		
	Auxiliary Contacts - V3	Χ		
	Magnetic Blowouts [†]	0	В	
	Magnetic Blowouts - High Powered†	Χ		
	Armature Cap	X		
	Mounting Brackets (See Stud Range Catalogue)	•		
	Magnetic Latching [†] (Not fail safe)	X		
	Closed Contact Housing	•		
	Environmentally Protected IP66	•	Р	
	EE Type (Steel Shroud)	X		
	Contacts			
	Large Tips	0	L	
-	Textured Tine	0	т	

Large Tips	0	L
Textured Tips	0	T
Silver Plating	Χ	
Coil		
AC Rectifier Board (Fitted)	Х	
Coil Suppression [†]	0	
Flying Leads	Χ	
Manual Override Operation	Χ	
M4 Stud Terminals	0	
M5 Terminal Board	Χ	
Vacuum Impregnation	0	
Key: Optional ○ Standard • N	ot Availa	ble X

† Connections become polarity sensitive

Performance data provided should be used as a guide only. Some de-rating or variation from figures may be necessary according to application.

80mm² [0.124inch²]

Rated suitable for Application

- Thermal current ratings stated are dependant upon the size of conductor being used
- For further technical advice email: technical@albrightinternational.com

Advised Connection Sizes for Maximum Continuous Current

Please note Normally Closed contacts are not suited to make and

Key: ▼ = Interrupted **△** = Uninterrupted Note: Where applicable values shown are at 20°C * Please check our web site for product UL status

Albright reserve the right to change data without prior notice

Copper busbar

Cable

break load