

al current ratings stated are dependant upon size of conductor For further technical advice email: technical@albrightinternational.com Albright reserve the right to change data without prior notice

International 6

The DC182 motor reversing type of contactor has been designed for direct current loads, particularly motors as used on electric vehicles such as industrial trucks. The DC182 is a monoblock construction, resulting in a compact design which is compatible with modern electronic control systems. Developed for both interrupted and uninterrupted loads, the DC182 is suitable for switching Resistive, Capacitive and Inductive loads.

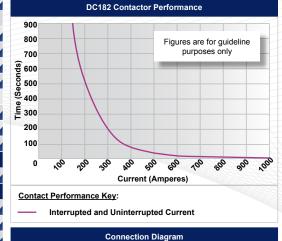
- Interrupted current opening and closing on load with frequent switching (results in increased contact resistance).
- Uninterrupted current no or infrequent load switching requirements (maintains a lower contact resistance).

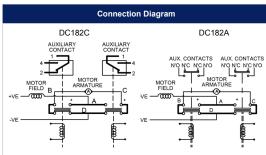


DC182 (with integral bracket)

The main contact circuit, designed for motor reversing, has a built in failsafe, so that if both coils are energised simultaneously the contact arrangement is open circuit. The DC182 has double breaking main contacts with silver alloy contact tips, which are weld resistant, hard wearing and have excellent conductivity. The DC182 M8 main stud terminals can be configured in a variety of ways in order to suit the application. Coil connections are by means of 6.3mm spades and mounting is via the supplied bracket and 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.

DC182 (with optional tapped holes)





Contrai		Julia
Auxiliary Contacts	0	Α
Auxiliary Contacts - V3	0	С
Magnetic Blowouts†	0	В
Magnetic Blowouts - High Powered [†]	X	
Armature Cap	•	
Mounting Brackets (See overleaf)	•	
Magnetic Latching [†] (Not fail safe)	0	М
Dust Shields [‡]	0	
Environmentally Protected IP66	X	
EE Type (Steel Shroud)	0	EE
Contacts		
Large Tips	0	L
Textured Tips	0	Т
Silver Plating	X	
Coil		
AC Rectifier Board (Fitted)	0	
Coil Suppression [†]	0	
Flying Leads	0	F
Manual Override Operation	X	
M4 Stud Terminals	X	
M5 Terminal Board	0	
Vacuum Impregnation	0	
Key: Optional ○ Standard •	Not Available X	
† Connections become polarity sensitive		

DC182 Available Options

[‡] Open Housing Available



