

Features

- Dc Contactors
- Compact
- Protected
- Silver Contacts
- Small size
- 70A

RS PRO Dc Contactors

RS Stock No.: 0782190



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This range of contactors type, which are very small and very powerful, has been designed to be suitable for the traction and material handling fields using direct current. Such contactors can be applied to lift trucks, industrial cleaning machines, various services on board of ships and boats, Lithium batteries, as well as to road and rail transport vehicles.

Mechanical Specifications

Nominal operating current at 50% Current 100% Nominal voltage Breaking capacity with 15 ms time constant Category of usage Working voltage limits Coil power dissipation Operating time pull-in time Operating drop-out time Max. torque at terminal board Mechanical life op.n. Main contacts	Ie 100A ITh 70A Ue 12V/24V/36V 400A DC5 0,7-1,1Vn 12W / 7W 20ms 10ms 4 Nm 3x10 ⁶ 1NA
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Protection Category

Protection degree	IP40
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Approvals

Compliance with EEC Directives	2014/35/UE 2006/42/CE 2014/30/UE 2011/65/UE
Compliance with Rules	EN 60947-4-1 EN 60204-1 EN 61000-6-4 EMC EN 61000-6-2 EMC
Approval	CE - UL

Coils

The d.c. coils feature terminals with 6 mm connections.
Standard duty is in intermittent mode (50%). Maximum working time is 15 mins (temporary duty).
Normalized voltage is: 12-24-36 V.
Please contact us for coils at 48 Vdc. 80 Vdc Coils with reduced consumption with prolonged duty (option S) and continuous duty (option P) are available.

Main Contacts

The contactors have silver alloy double breaking contacts, resistant to arc, suitable for heavy duty.

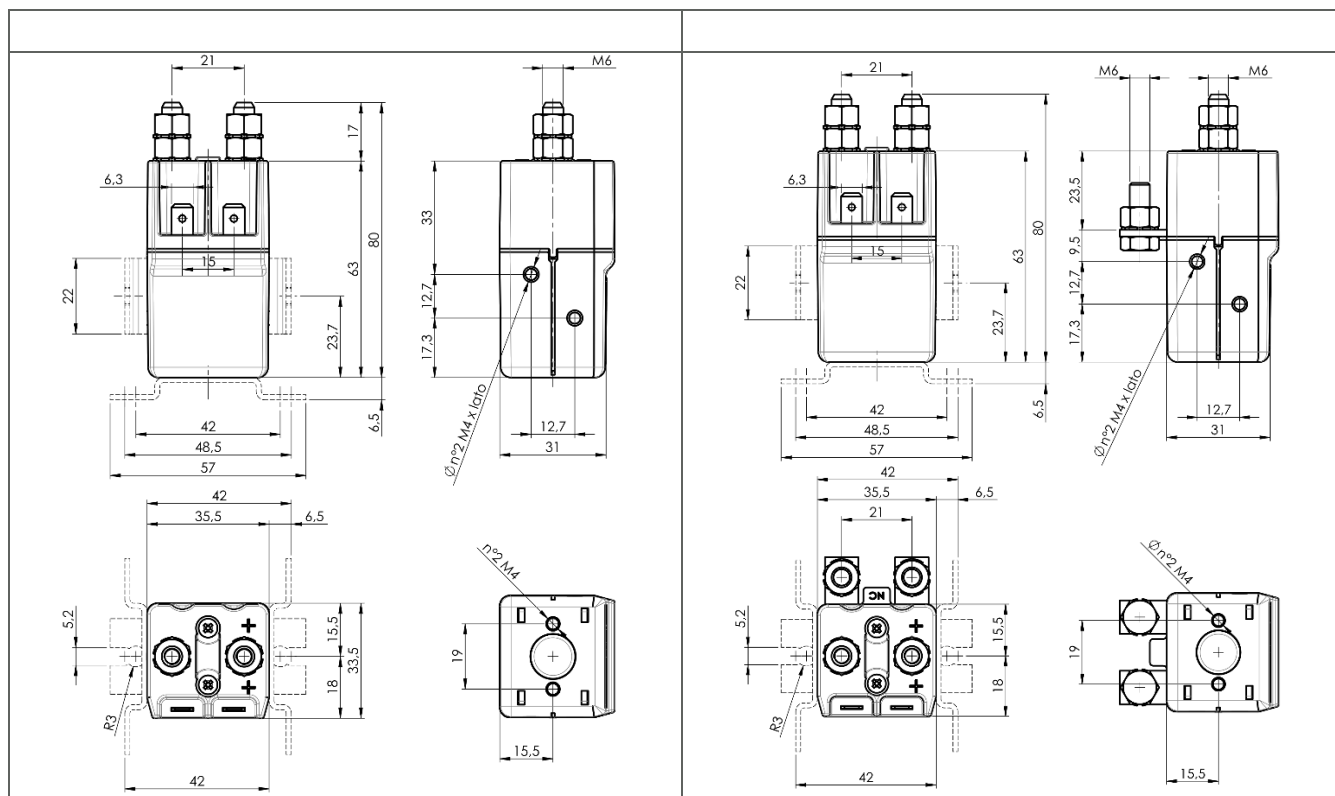
Integral Protection

The cover is completely protected from oil, water and dust.

Magnetic blowouts Option

These contactors featuring permanent blowouts are recommended for voltage > 36 V d.c. In this case the cover is open, suitable for blowouts, and the polarities mentioned on the cover must be respected.

Technical data



Code and type

Code	Standard type
0782190	RS PRO DC Contactor 1NO 100A power continuos duty V12dc ITh 70A
0782191	RS PRO DC Contactor 1NO 100A power continuos duty V24dc ITh 70A