

DC Motor reverser

Features

- Dc Motor reverser
- Compact
- Protected
- Silver Contacts
- Small size
- 70A

RS PRO DC Motor reverser

RS Stock No.: 0782192



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 Motor reversers two single pole contactors with 1 NO 1 NC or two single pole contactors with 1 NO include internal electric connections. The result is a compact product completely protected from oil, water and dust. Standard duty is in intermittent mode (50 %) with a maximum working time of 15 minutes (temporary service). The NC contacts are not suitable for making or breaking current. The articles are suitable with 50 % at 12 Vdc and 24 Vdc.

Mechanical Specifications

Nominal operating current at 50% Current 100%	Ie 100A I _{Th} 70A
Nominal voltage	Ue 12V/24V
Breaking capacity with 15 ms time constant	400A
Category of usage	DC5
Working voltage limits	0,7-1,1V _n
Coil power dissipation	12W / 7W
Operating time pull-in time	20ms
Operating drop-out time	10ms
Max. torque at terminal board	4 Nm
Mechanical life op.n.	3x10 ⁶
Main contacts	2 x 1NO 1NC

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

Correct use

The used contactors have fast drop-out times (10 msec) and relatively long pull-in times (approx. 20 msec). In this way, safe reversals can be carried out without the risk of the contacts being closed at the same time. The use of suppressor diodes, however, increases drop-out times, and therefore it is important to choose the most suitable type of suppressor (diode+resistor).

Technical data

2x1NO 1 NC 4 poles 50% coil	2x1NO 3 poles 50% coil

Code and Type

Code	Description
0782192	RS PRO DC Motor Reverser 2x1NO+1NC 100A power intermittent duty V12dc ITh 70A
0782193	RS PRO DC Motor Reverser 2x1NO+1NC 100A power intermittent duty V24dc ITh 70A