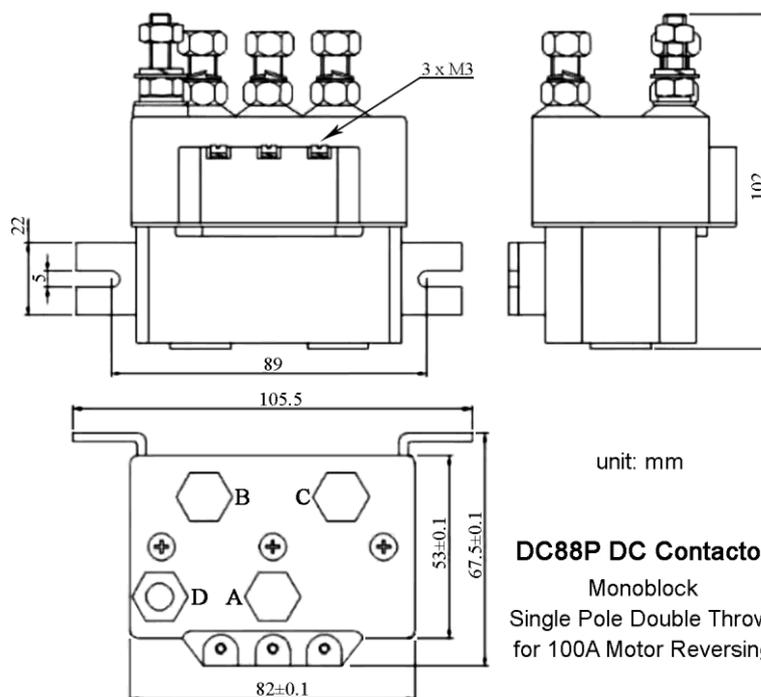


DC88-xxP Series DC Contactor Monoblock, Single Pole Double Throw for 100A Motor Reversing

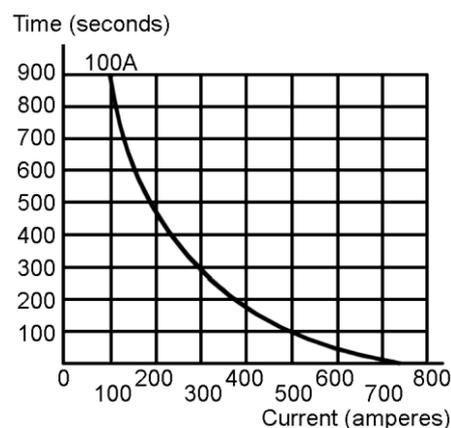


Features:

- Thermal Current Rating (Ith): 100A
- Intermittent Current Rating:
 - 30% Duty 185A
 - 40% Duty 160A
 - 50% Duty 140A
 - 60% Duty 130A
 - 70% Duty 120A
- Maximum Recommended Contact Voltages (Ue): 48V DC
- Typical Voltage Drop per pole across New Contacts at 100A: 50mV
- Mechanical Durability: > 300,000 Cycles
- Electrical Durability: > 50,000 Cycles
- Coil Power Dissipation:
 - Intermittent: 18 - 22 Watts
 - Continuous: 13 - 18 Watts
- Maximum Pull-In Voltage (Coil at 20° C):
 - Intermittent: 60% Us
 - Continuous: 66% Us
- Drop-Out Voltage Range: 5 - 25%
- Typical Contact Bounce Period: 3ms
- Environmentally Protected IP66
- Closed Contact House
- Contactor Weight: 990 grams
- Operating Ambient Temperature: -40°C to 60°C
- Storage Temperature: -40°C to 85°C



DC88P DC Contactor
Monoblock
Single Pole Double Throw
for 100A Motor Reversing



Model options for different coil working voltage ratings:

- DC88-12P: 12V DC
- DC88-24P: 24V DC
- DC88-36P: 36V DC
- DC88-48P: 48V DC

Connection Diagram:

The DC88-xxP has double breaking main contacts with silver alloy contact tips, which are weld resistant, hard wearing and have excellent conductivity. The DC88-xxP M8 main stud terminals can be configured in a variety of ways in order to suit the application.



Coil connections are by means of 3mm screws

and mounting is via the supplied bracket and can be horizontal or vertical, when vertical the M8 contact studs should point upwards.

