

DC Solid-State Motor Reverser

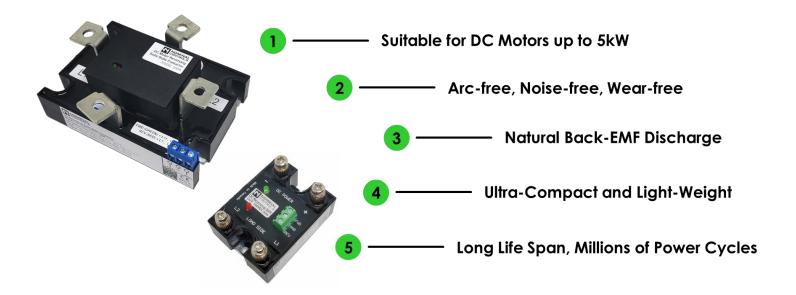
(DRV- Series Rated Up to 1.5kV/200A)

Introduction:

DRV- Series solid-state reverser features a H-bridge engineered for switching the polarity of DC currents up to 1.5kV/200A. With the solid-state bridge, internal diode paths ensure a natural discharge for back-EMF generated by motor loads during turn-off. This suppresses transients, and eliminates arcs, making solid-state reversers much superior to electromechanical reversers.

DRV- Series reversers have a built-in interlock protection of ~200ms. This prevents both forward and reverse signal being engaged at the same time. Each reverser unit also comes with a standard installation kit that includes fasteners and thermal interface material.

Ask us about how solid-state reversers can work for your application today!



Ordering Guide:

| Reverser Model | | Rated Output Voltage | | | Rated Load Current | Control Input | | | Other Options |
|----------------|----------------|-------------------------|---------------|---|-----------------------|------------------|--------------|---|-------------------------|
| DRVS | | 01 | | - | 200A | 2 | | 1 | P2 |
| DRVS | Standard Model | 004 = | 1 - 40 VDC | - | Up to 200A | - | 3 - 32 VDC | | |
| | | 01 = | 1 - 100 VDC | | | 1 = | 3.3 - 11 VDC | | P2 = External Snubber |
| | | 01A = | 1 - 150 VDC | | | 2 = | 12 - 32 VDC | | |
| | | 02 = | 1 - 200 VDC | | | 3 = | 12 - 24 VDC | | SP = Softer-stop |
| | | 06 = | 1 - 600 VDC | - | Up to 150A | 4 = | 36 - 75 VDC | | 5. 55.115. 515p |
| | | 1K = | 1 - 1,000 VDC | | | | | 1 | SiC = SiC Mosfet Models |
| | | 1K5 = | 1 - 1,500 VDC | | | | | | |