



DRC Series

- 7.6 Amp Motor Controller rated Solid State Contactor
- Load voltage range up to 530VAC
- Fits standard 35mm DIN-RAIL
- LED input status indicator
- AC or DC control
- Zero-crossing (resistive loads) or instantaneous turn-on (inductive loads) output
- C-UL-US Listed, IEC Rated, CE & RoHS Compliant, Horsepower Rated
- Built in Overvoltage Protection
- Ultra-efficient thermal management design (Patented)



Solicon DRC3 Series are Solid State Contactors intended for frequently switching on and off three phase loads up to **5 HP, 480 VAC 7.6 Amps**. They are available in both contactor versions **DRC3P** and reversing contactor versions **DRC3R**.

The Solicon Contactor DRC3P is available in either instantaneous turn-on (for Motor Control) or zero voltage turn-on (for Resistive Loads). It is available in either 2 or 3 controlled leg versions. The 2 legs control version is particularly suitable for motor control circuits where the neutral conductor is not utilized.

The Solicon Reversing Contactor DRC3R includes an **interlock** control that allows only off, forward and reverse operation in a safe mode while providing high space saving; it switches instantaneously upon application of the control voltage unless an

instantaneous change of direction is commanded, then it will delay the direction change by 100msec in order to prevent simultaneous forward and reverse operations.

All the models of Solicon DRC3 Series combine the benefits and advantages of a solid state contactor with the functionality and simplicity of use of an electromechanical contactor thanks to the proprietary **thermal management technology (Patented)** and complete electrical insulation (no grounding required); the **embedded auxiliary contacts**, normally open and/or normally closed are intended to be used at 18-280Vac. Three different control voltages are available in order to cover most the applications. All models include **overvoltage protection**.

PRODUCT SELECTION

Control Voltage	NO Auxiliary Contact	1 NO+NC Auxiliary Contact	2 NO Auxiliary Contact
230 VAC	DRC3P48A400, DRC3R48A400	DRC3P48A411	DRC3P48A420, DRC3R48A420
120 VAC	DRC3P48B400, DRC3R48B400	DRC3P48B411	DRC3P48B420, DRC3R48B420
24 VAC/DC	DRC3P48D400, DRC3R48D400	DRC3P48D411	DRC3P48D420, DRC3R48D420

AVAILABLE OPTIONS

