



The electronic disjunctors is a device that allows the starts up of electrical asynchronous single phase motor. The disjunctors with Relay connects the motor start capacitor for the time necessary to reach the 80% of the rated motor speed, then it opens and discharges the capacitor by means of a resistance. The **DRC** also includes the capacitor.

PERFORMANCE DATA

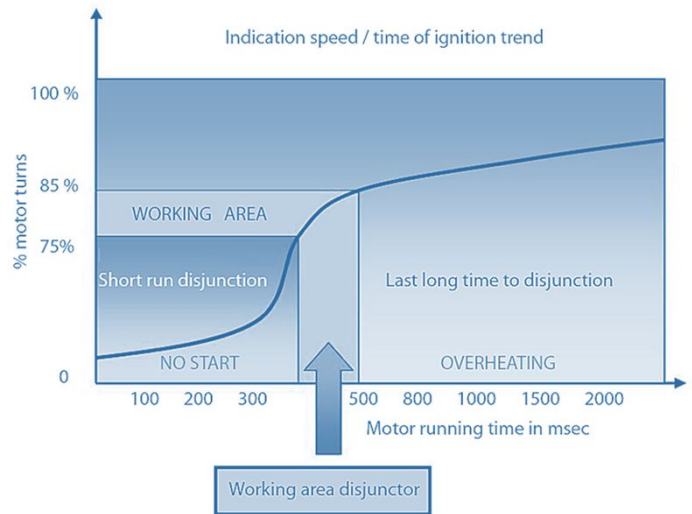
- Rated Voltage 250 / 450 Vac
- Rated Frequency 50 / 60 Hz
- Max. Capacitance 100 μ F - 450 Vac (50 Hz)
180 μ F - 250 Vac (50 Hz)
90 μ F - 450 Vac (60 Hz)
160 μ F - 250 Vac (60 Hz)

STANDARDS

Homologation UL E475575

TECHNICAL DATA

Disjunctors Recovery Time (after one intervention)	1 sec (since the motor switches off)
Advisable repetition time	6 sec
Number of advisable max starts up	6 /min
Max current	15 A
Operation and Storage temperature	-20 °C / +80 °C



CONFIGURATION

Type	Cn (μ F)	Voltage (Vac)	Dimension D x H (mm)
DRC - 250 - 10	10	up to 250	45 x 94
DRC - 250 - 15	15	up to 250	45 x 94
DRC - 250 - 18	18	up to 250	45 x 94
DRC - 250 - 24	24	up to 250	45 x 94
DRC - 250 - 45	45	up to 250	55 x 94
DRC - 250 - 60	60	up to 250	50 x 120
DRC - 250 - 80	80	up to 250	60 x 120
DRC - 250 - 100	100	up to 250	65 x 120
DRC - 250 - 160	160	up to 250	65 x 120

Type	Cn (μ F)	Voltage (Vac)	Dimension D x H (mm)
DRC - 450 - 10	10	up to 250	45 x 94
DRC - 450 - 12	15	up to 250	45 x 94
DRC - 450 - 15	15	up to 250	45 x 94
DRC - 450 - 22,5	22,5	up to 250	45 x 94
DRC - 450 - 40	40	up to 250	55 x 94
DRC - 450 - 50	50	up to 250	50 x 120
DRC - 450 - 80	80	up to 250	60 x 120
DRC - 450 - 100	100	up to 250	65 x 120

Tailor made versions available on requests: