

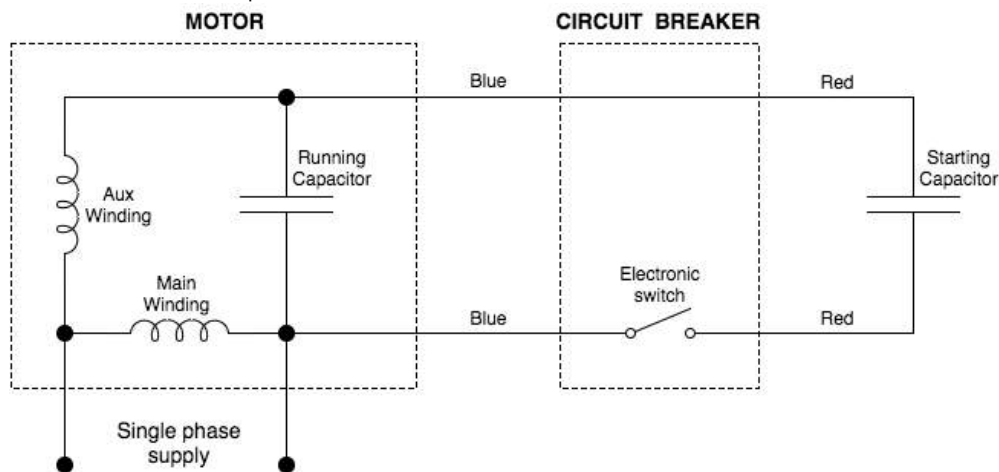


ELECTROMECHANICAL TYPE B03 - B05

The ELECTROMECHANICAL type **B0** circuit breaker is a device who connects a START CAPACITOR (that can be integrated with the device) to the permanent RUN CAPACITOR during the starting phase when a HIGH TORQUE is required and disconnects it after a prefixed time (standard 1").

Lifetime of B0 depends on several factors like the capacitance of Start Capacitor, the tension measured on the run capacitor, operating time, frequency end temperature : the higher those values, the shorter the lifetime of device. Vice versa an higher pause between consecutive starts preserves its correct working for a longer time.

B0 circuit breaker is largely adopted in several applications such as compressors, floor sweepers, high-pressure cleaners, pumps, coffee grinders, chainsaws and generally for all those applications where the motor is supposed to overcome a considerable opposite mechanical torque.



TYPE B03 for 110Vac. motor

Motor supply voltage	100-120Vac.
Frequency	50/60Hz
Is max.	16A
Working temperature	-25°C +70°C
Operating time Ton *	1"
Minimum pause between 2 consecutive starts Toff *	3"
Number of advisable max start-up *	6/ min.
Starting Capacitance max	100uF

DIMENSIONS

Without capacitor **	50x55mm.
Up to 16uF	45x94mm.
From 20uF to 50uF	50x94mm.
From 60uF to 80uF	50x118mm.
From 85uF to 100uF	55x118mm.

* Adjustable on request

** Also in Box version 45x42x33 mm.

TYPE B05 for 220Vac. motor

Motor supply voltage	220-240Vac.
Frequency	50/60Hz
Is max.	16A
Working temperature	-25°C +70°C
Operating time Ton *	1"
Minimum pause between 2 consecutive starts Toff *	3"
Number of advisable max start-up *	6/ min.
Starting Capacitance max	100uF

DIMENSIONS

Without capacitor **	50x55mm.
Up to 16uF	45x94mm.
From 20uF to 50uF	50x94mm.
From 60uF to 80uF	50x118mm.
From 85uF to 100uF	55x118mm.

PATENTED 0001279581



UL APPROVAL FILE E251816 **on request**