

IronHorse™ AC Motor Capacitors/Switches

56C Frame TEFC Motors – Single-phase – 0.33 to 2 hp – Motor Accessories

Start Capacitors

Single-phase motors use capacitors to provide starting torque when power is first applied to the motor. AutomationDirect offers *spare/replacement* starting capacitors for our single-phase IronHorse™ motors.

Centrifugal Switches

The start capacitors are no longer needed once the motors begin turning, so they are then taken out of the circuit by a centrifugal switch. We also offer *spare/replacement* switches for our motors. One switch model is used for the entire line of single-phase IronHorse™ motors.

Run Capacitors

In addition to the start capacitors and centrifugal switches, IronHorse 1-1/2 and 2 hp single-phase motors also have run capacitors which allow the motors to develop higher running torque, greater efficiency, and improved power factor. We offer *spare/replacement* run capacitors for single-phase IronHorse™ motors.



Start Capacitor

Run Capacitor



Centrifugal Switch

Single Phase Motor Accessories							
Part Number	Price	Accessory Type	Capacitance (µF)	Rated Voltage	Applicable Motor Number	Motor HP	Motor Phase
MTA-CAP-01	<-->	start capacitor	200	125	MTR-P33-1AB18	1/3	1
MTA-CAP-02	<-->		250	125	MTR-P50-1AB18 MTR-P75-1AB18	1/2 3/4	1
MTA-CAP-03	<-->		300	125	MTR-001-1AB18	1	1
MTA-CAP-04	<-->		250	165	MTR-1P5-1AB18	1-1/2	1
MTA-CAP-05	<-->		200	165	MTR-002-1AB18	2	1
MTA-CAP-06	<-->	run capacitor	40	450	MTR-1P5-1AB18	1-1/2	1
MTA-CAP-07	<-->		40	450	MTR-002-1AB18	2	1
MTA-CSW-01	<-->	centrifugal switch	N/A	250	all IronHorse single Ø	all	1

These accessories are spare/replacement components for single-phase IronHorse™ motors.