

Carbon Brush Reference Guide

Since brush size, structure and composition are critical for optimum performance, use exact replacements only.

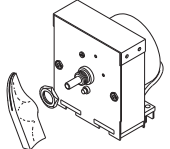
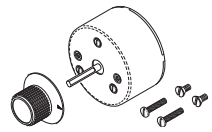
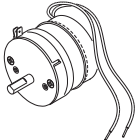
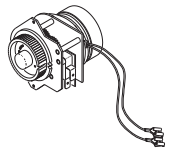
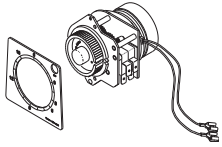
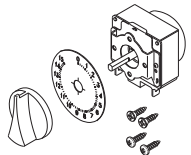
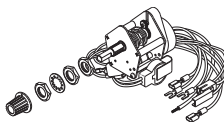
Brushes warranted only for applications indicated in RPI catalog.


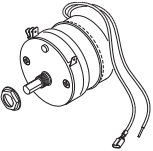
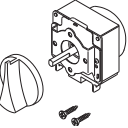
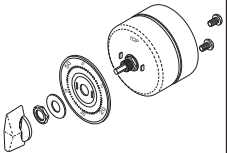
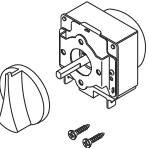
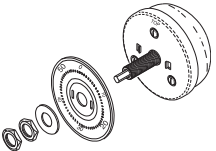
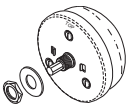
This chart is sorted by brush size.

RPI PART#	SIZE	RADIUS/BEVEL	SPRING LG.	SHUNT	END CAP	NOTES
RCB603	.093" x .250" x .500"	25°	None	None	None	
BDB002	.125" x .250" x .690"	None	1.28"	None	None	
RCB604	.128" x .256" x .531"	30°	None	None	None	
CAB021	.185" x .185" x .562"	.437" R	.62"	.62"	.28" dia.	
CAB083	.187" dia x.187" w/Flange	.140" R	None	None	None	Bullet Style
STB002	.187" x .187" x .437"	None	.94"	None	None	
CAB023	.187" x .187" x .560"	.750" R	1.25"	1.25"	.17" O.D.	
BDB001	.187" x .250" x .660"	None	1.00"	1.00"	None	
IEB015	.187" x .375" x .945"	.750" R	1.17"	1.17"	.46" dia.	
IEB010	.188" x .625" x .937"	.625" R@5°	1.13"	1.13"	.56" dia.	
BAB002	.196" x .236" x .469"	.562" R	1.13"	None	None	
BAB004	.196" x .236" x .568"	.500" R	1.75"	1.03"	.19" O.D.	
IEB008	.218" x .312" x .560"	.437" R	.99"	.99"	.32" x .39" dia.	
SRB005	.248" x .996" x 1.250"	1.000" R@20°	None	2.88"	None	#10 Spade Terminal Black Fiberglass Sleeving
BKB003	.249" x .375" x .797"	.719" R	1.17"	1.17"	.37" x .46" dia.	
CAB022	.250" x .250" x .450"	.625" R	.75"	.75"	.16" x .24" dia.	
BKB006	.250" x .250" x .500"	.438" R	.75"	.75"	.25" x .31" dia.	
CAB019	.250" x .250" x .650"	1.000" R	.75"	.75"	.31" dia.	
CAB020	.250" x .250" x .650"	.750" R	1.00"	1.00"	.25" O.D.	
CAB018	.250" x .250" x .657"	1.000" R	.88"	.88"	.38" dia.	
EMB001	.250" x .250" x .657"	.500" R	1.25"	1.25"	.31" dia.	
IEB024	.250" x .250" x .660"	.660" R	.94"	.94"	.25" O.D.	
BKB005	.250" x .250" x .750"	1.000" R	.75"	.75"	.15" x .25"	
IEB007	.250" x .250" x .800"	.375" R	2.19"	None	None	
EPB003	.250" x .312" x .675"	.500" R	.99"	.99"	.24" dia.	
EPB001	.250" x .312" x .860"	.500" R	1.32"	1.32"	.25" dia.	
EPB002	.250" x .312" x .860"	.500" R	1.27"	1.27"	.24" dia.	
IEB014	.250" x .375" x .750"	.875" R	1.35"	1.35"	.37" x .47" dia.	
DRB001	.250" x .375" x .817"	.625" R	1.25"	1.25"	.34" x .44" dia.	
BKB004	.250" x .375" X .875"	1.000" R	1.25"	1.25"	.37" x .42" dia.	
IEB013	.250" x .437" x .687"	.750" R	1.13"	1.13"	.38" x .42" dia.	Split Brush
SRB002	.250" x .437" x .720"	.844" R	.98"	.98"	.37" x .42" dia.	
SRB001	.250" x .500" x .845"	.875" R	1.06"	1.06"	.50" x .60" dia.	
IEB009	.250" x .625" x .990"	1.000" R	1.13"	1.13"	.62" x .66" dia.	
IEB011	.250" x .625" x 1.000"	1.000" R	1.38"	1.38"	.62" x .66" dia.	
SRB003	.250" x 1.208" x 1.250"	1.000" R@20°	None	2.88"	None	#10 Spade Terminal Red Fiberglass Sleeving
IEB012	.250" x 1.250" x 1.125"	1.125" R@5°	1.25"	1.25"	1.23" x 1.25" dia.	
BAB003	.252" x .315" x .898"	.562" R	1.75"	None	None	
BAB001	.252" x .390" x .866"	.937" R	None	2.13"	None	1/4" Quick Disconnect Flag With Interrupter
BAB005	.252" x .390" x .866"	.937" R	None	1.88"	None	1/4" Quick Disconnect Flag With Interrupter
BAB006	.252" x .392" x .875"	.937" R	None	1.69"	None	1/4" Quick Disconnect Flag
BAB007	.252" x .394" x .875"	.750" R	2.63"	1.94"	.33" O.D.	With Interrupter
CAB017	.281" x .281" x .670"	.500" R	1.13"	1.13"	.28" x .39" dia.	
BAB008	.315" x .787" x .984"	None	None	3.88"	None	1/4" Spade, Split Brush Red Top Pad, Sensor Wire
SRB004	.343" x .750" x .990"	.750" R	1.56"	1.56"	.74" x .82" dia.	Split Brush, Plastic Cap & Sensor Wire with Connector

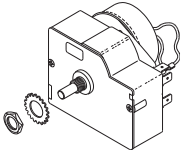
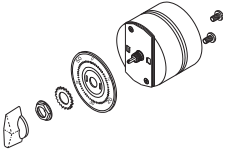
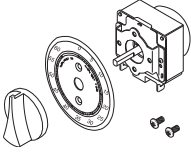
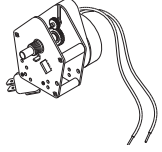
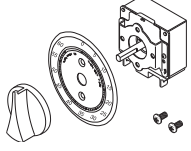
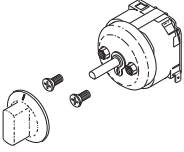
Call Us Toll-Free Monday–Friday, 8:00 AM–4:30 PM (Pacific Time), (800) 221-9723

TIME SWITCH & TIMER REFERENCE GUIDE

RPI PART #	TIME	MOTOR SPECS	SWITCH SPECS	ALERT	MOUNT	SHAFT	DIMENSIONS	
CAT071	3 min.	<ul style="list-style-type: none"> • 120VAC / 60HZ (CCW) • (2) each 1/4" Male Tab 	<ul style="list-style-type: none"> • 15A @ 120 VAC SPST • (2) each 1/4" Male Tab 	None	3/8-32 x 3/16" lg. Bushing	3/16" dia. x 7/16" lg.	2-9/16" x 3-3/16" x 1-3/4" DP.	
CAT045	5 min.	None	<ul style="list-style-type: none"> • 15A @ 120-240 VAC SPST • (2) each Terminal Screw 	None	2 Hole - #4-40 @ 1-1/8" apart	3/16" dia. x 1-1/16" lg. Double Flat	2-5/16" dia. x 1-1/4" DP.	
CAT067	5 min.	<ul style="list-style-type: none"> • 115VAC / 60HZ (CCW) 	<ul style="list-style-type: none"> • 15A @ 125-250 VAC SPST • (2) each 3/16" Male Tab 	None	2 Hole - #4-40 @ 1-1/8" apart	1/4" dia. x 3/4" lg. with Flat	2.0" dia. x 2.0" DP.	
CAT066	15 min.	<ul style="list-style-type: none"> • 110VAC / 60HZ (CCW) • (2) each 1/4" Female Terminal 	<ul style="list-style-type: none"> • (1) each SW = 15A @ 120-240 VAC SPST • 1/4" Male Tab 	None	2 Hole - #5-40 @ 3" apart	Push to Start	3-1/4" x 2-7/8" x 2-7/16" DP.	
CAT074	15 min.	<ul style="list-style-type: none"> • 110VAC / 60HZ (CCW) • (2) each 1/4" Female Terminal 	<ul style="list-style-type: none"> • (2) each SW = 15A @ 120-240 VAC SPST • 1/4" Male Tab 	None	2 Hole - .140" dia. @ 2-1/2" apart	Push to Start	3-1/4" x 2-7/8" x 2-7/16" DP.	
IET019	15 min.	None	<ul style="list-style-type: none"> • 20A @ 125VAC / 10A @ 250VAC SPST • (2) each 1/4" Male Tab 	Bell	2 Hole - #6-32 @ 1-1/8" apart	3/16" dia. x 11/16" lg. Double Flat	1-7/8" x 1-7/8" x 1-1/2" DP.	
MDT025	20 min.	<ul style="list-style-type: none"> • 115VAC / 60HZ (CCW) 	<ul style="list-style-type: none"> • (3) each SW = 10A @ 120 VAC SPST 	Buzzer	3/8-32 x 1/2" lg. Bushing	1/4" dia. x 9/16" lg. Double Flat	3-1/8" x 3-1/2" x 2-5/8" DP.	

RPI PART #	TIME	MOTOR SPECS	SWITCH SPECS	ALERT	MOUNT	SHAFT	DIMENSIONS	
BDT017	30 min.	None	None	Bell	3/8-24 x 3/8" lg. Bushing	1/4" dia. x 13/16" lg. with Flat	2-11/16" dia. x 1-1/4" DP.	
CAT062	30 min.	<ul style="list-style-type: none"> • 115VAC / 60HZ (CCW) • (1) each 3/16" Female Terminal 	<ul style="list-style-type: none"> • 15A @ 125-250 VAC SPDT-DU • (4) each 3/16" Male Tab 	None	3/8-32 x 1/4" lg. Bushing	1/4" dia. x 3/8" lg. with Flat	2.0" dia. x 2.0" DP.	
CAT104	30 min.	None	<ul style="list-style-type: none"> • 20A @ 125VAC / 10A @ 250VAC SPST • (2) each 1/4" Male Tab 	Bell	2 Hole - #6-32 @ 1-1/8" apart	3/16" dia. x 11/16" lg. Double Flat	1-7/8" x 1-7/8" x 1-1/2" DP.	
AMT039	60 min.	None	<ul style="list-style-type: none"> • 20A @ 120-240 VAC SPST • (2) each Terminal Screw 	Bell	3/8-24 x 1/4" lg. Bushing	3/16" dia. x 7/16" lg. Double Flat	2-9/16" dia. x 1-3/4" DP.	
HBT002	60 min. with hold	None	<ul style="list-style-type: none"> • 20A @ 125VAC / 10A @ 250VAC SPST • (2) each 1/4" Male Tab 	Bell	2 Hole - #6-32 @ 1-1/8" apart	3/16" dia. x 11/16" lg. Double Flat	1-7/8" x 1-7/8" x 1-1/2" DP.	
MDT012	60 min.	None	None	Bell	3/8-24 x 1.0" lg. Bushing	3/16" dia. x 9/16" lg. Double Flat	2-11/16" dia. x 1-1/4" DP.	
PCT049	60 min.	None	None	Bell	3/8-24 x 9/32" lg. Bushing	1/4" dia. x 1/2" lg. with Flat	2-11/16" dia. x 1-1/4" DP.	

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PCT081	60 min.	<ul style="list-style-type: none"> • 230VAC / 60HZ (CCW) • (2) each 1/4" Female Terminal 	<ul style="list-style-type: none"> • 7.5A @ 250VAC / 15A @ 125 VAC DPDT • (4) each 1/4" Male Tab 	None	3/8-32 x 1/4" lg. Bushing	1/4" dia. x 1/2" lg.	3-3/16" x 2-5/8" x 2-7/16" DP.	
RCT047	60 min.	None	<ul style="list-style-type: none"> • 20A @ 120-240 VAC SPST • (2) each Terminal Screw 	None	3/8-24 x 11/32" lg. Bushing	3/16" dia. x 3/8" lg. Double Flat	2-9/16" dia. x 1-9/16" DP.	
RCT048	60 min.	None	<ul style="list-style-type: none"> • 20A @ 125VAC / 10A @ 250VAC SPST • (2) each 1/4" Male Tab 	Bell	2 Hole - #6-32 @ 1-1/8" apart	3/16" dia. x 11/16" lg. Double Flat	1-7/8" x 1-7/8" x 1-1/2" DP.	
RCT049	60 min.	<ul style="list-style-type: none"> • 115VAC / 60HZ (CCW) 	<ul style="list-style-type: none"> • 15A @ 120 VAC SPST • 1/4" Male Tab 	None	3/8-32 x 1/4" lg. Bushing	1/4" dia. x 3/8" lg.	2-1/4" x 3-1/8" x 1-13/16" DP.	
RPT263	60 min.	None	<ul style="list-style-type: none"> • 20A @ 125VAC / 10A @ 250VAC SPST • (2) each 1/4" Male Tab 	None	2 Hole - #6-32 @ 1-1/8" apart	3/16" dia. x 11/16" lg. Double Flat	1-7/8" x 1-7/8" x 1-1/16" DP.	
TUT008	60 min.	None	<ul style="list-style-type: none"> • 16A @ 250VAC SPST • (2) each 1/4" Male Tab 	Bell	2 Hole - M4 @ 28.6mm (1.125") apart	6mm (.236") dia. x 24mm (.945") lg. with Flat	59mm (2.322") dia. x 48mm (1.890") DP.	
IET018	120 min.	None	<ul style="list-style-type: none"> • (2) each SW = 20A @ 120-240 VAC SPST • (4) each Terminal Screw 	Bell	3/8-24 x 1/4" lg. Bushing	3/16" dia. x 7/16" lg. Double Flat	2-9/16" dia. x 1-7/8" DP.	