



Rotary Converters (RCK)

Rotary Converters are available in sizes from 1.5Kw to 22Kw and can be operated from a 240 volt 50Hz single phase supply or if required 480 volt 50Hz split phase supply for the larger units. All converters give a 415V 3phase 50Hz neutral and earth output supply via a 5 pin socket.

Available Sizes

Industrial Converters in the smaller sizes are available as follows,

1P3P-RCK1.5Kw, 1P3P-RCK2.2Kw, and 1P3P-RCK3.0Kw.

Standard Features

- . MCB rated for converter size for overload protection.
- . Heavy duty transformer for high torque starts.
- . High efficiency induction motor.
- . 450v/500v high quality self-healing capacitors for long life.
- . Over rated components for long life
- . Discharge devices fitted to discharge capacitors within one minute.
- . External 240V input connection box for ease single phase connection
- . 400V 5pin output socket 3phase/N/E for simple connection.

- . 400v 5pin plug to suit output socket supplied separately.
- . IP45 metal enclosures.
- . Anti-vibration mounts for quiet running.
- . Automatic boost to assist starting

Industrial Converters in the larger sizes are available as follows.

1P3P-RCK4.0Kw, 1P3P-RCK5.5Kw, 1P3P-RCK7.5Kw, 1P3P-RCK11Kw, 1P3P-RCK15Kw, 1P3P-RCK18.5Kw and 1P3P-RCK22KW

Standard Features.

- . Using high efficiency motor stator technology for our rotary transformers.
- . Thermal overload protection installed to prevent overheating.
- . Stop/Start buttons with no volt release.
- . MCB fitted for protection of control circuit.
- . 450V/500V high quality self-healing capacitors for long life.
- . Over rated components for long life.
- . Discharge devices fitted to discharge within one minute.
- . Automatic boost to assist starting.
- . Voltage control via an electronic voltage monitor keeping output voltage between 380V and 440V on certain models.
- . Ant-vibration mounts for quieter running.
- . External 240V connection box for ease of single phase connection
- . 5pin 3phase/N/E socket fitted for ease of connection
- . 5pin 3phase plug to suit socket supplied separately.
- . IP65 metal Enclosure.

All Converters are of compact size and come mounted on two rails for either free standing or to be secured in location.

Converter	Max. Load	Min Load	Max Single Motor Load	Weight	Size	Breaker Size (C type)	Supply Cable up to 20m
Static Range							
1P3P-SCK 1.5KW	1.5KW /2HP	0.37KW/ 0.5HP	1.1KW /1.5HP	17kg	W300 H320 D250	10A	2.5mm
1P3P-SCK2.2KW	2.2KW /3HP	0.37KW/ 0.5HP	1.5KW /2HP	23kg	W400 H320 D300	20A	2.5mm
1P3P-SCK4.0KW	4.0KW /5.5HP	0.55KW/ 0.75HP	3.0KW /4HP	28kg	W400 H320 D300	30A	4mm
1P3P-SCK5.5KW	5.5KW /7.5HP	0.75KW/ 1HP	4.0KW /5.5HP	38kg	W400 H450 D300	30A	4mm
1P3P-SCK7.5KW	7.5KW /10HP	0.75KW/ 1HP	5.5KW /7.5HP	46kg	W400 H450 D300	40A	6mm
Rotary Range							
1P3P-RCK1.5KW	1.5KW /2HP	0	1.1KW /1.5HP	28kg	W400 H320 D440	20A	2.5mm
1P3P-RCK2.2KW	2.2KW /3HP	0	1.5KW /2HP	38kg	W400 H320 D440	20A	2.5mm
1P3P-RCK3.0KW	3.0KW /4HP	0	2.2KW /3HP	45kg	W400 H440 D500	25A	4mm
1P3P-RCK4.0KW	4.0KW /5.5HP	0	3.0KW /4HP	47kg	W440 H340 D480	30A	4mm
1P3P-RCK5.5KW	5.5KW /7.5HP	0	4.0KW /5.5HP	49kg	W420 H440 D540	30A	4mm
1P3P-RCK7.5KW	7.5KW /10HP	0	5.5KW /7.5HP	70kg	W540 H440 D480	40A	6mm
1P3P-RCK11KW	11KW /15HP	0	7.5KW /10HP	75kg	W540 H440 D480	60A	10mm
1P3P-RCK15KW	15KW /20HP	0	11KW /15HP	152kg	W580 H440 D480	80A	16mm
1P3P-RCK18.5KW	18.5KW /25HP	0	15KW /20HP	160kg	W580 H440 D480	100A	16mm
1P3P-RCK22KW	22KW /30HP	0	18.5KW /25HP	165kg	W580 H440 D480	100A	25mm