

# ELECTRONIC CONTACTORS (SOLID STATE CONTACTORS)

## Description

IC Electronic A/S is a recent acquisition by our parent company NIBE, who are the world's largest heating element manufacturer.

The P Line range of Electronic Contactors (Solid State Contactors) are built using low thermal expansion (LTE) technology and are available for heating/resistive applications up to 63A. The P Line range is available in different versions including single, dual or three Phase Contactors, these units are suitable for a variety of applications wherever downtime is to be reduced in the application.

## Features

- Rated operational voltage up to 480VAC 50/60Hz
- Control voltage from 5-24VDC or 24-230VAC/DC
- Compact modular design 22.5, 45 or 90mm
- LED status indication
- Meets EN 60947-4-3 requirements
- Requires no additional components
- Built-in varistor protection
- IP20 protection

## Benefits

Advantages over mechanical contactors & relays

- Silent operation
- Faster switching operation
- No arcing of contacts, can be used in explosive or flame proof applications such as ATEX
- Longer lasting as there are no moving parts susceptible to wear & tear
- Less sensitive to factors such as; vibration, mechanical shock & external magnetic field

## Product information

### RC11 - Single Phase Electronic Contactor

The RC 11 range offers a fully assembled complete device which requires no additional components. This range has a rated operation voltage up to 480VAC 50/60 Hz, with a rated operational current up to 15/30/50/63A AC-1 and a Control voltage from 5-24VDC or 24-230VAC/DC. These units also include built-in varistor protection, LED indication and IP20 protection.



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### RC22 - Single Phase Electronic Contactor

The RC 22 range offers a fully assembled complete device which requires no additional components. This range has a rated operation voltage up to 480VAC 50/60 Hz, with a rated operational current up to 30/50A AC-1 and a Control voltage from 5-24VDC or 24-230VAC/DC. These units also include built-in varistor protection, LED indication and IP20 protection.

### RC32 - Three Phase Electronic Contactor

The RC 32 range offers a fully assembled complete device which requires no additional components. This range has a rated operation voltage up to 480VAC 50/60 Hz, with a rated operational current up to 15/25A AC-1 and a Control voltage from 5-24VDC or 24-230VAC/DC. These units also include built-in varistor protection, LED indication and IP20 protection.

### RC33 - Three Phase Electronic Contactor

The RC 33 range offers a fully assembled complete device which requires no additional components. This range has a rated operation voltage up to 480VAC 50/60 Hz, with a rated operational current up to 10/20A AC-1 and a Control voltage from 5-24VDC or 24-230VAC/DC. These units also include built-in varistor protection, LED indication and IP20 protection.

