

RVA

MOTOR START POTENTIAL RELAY



PATENT PENDING

RVA potential relay is designed to start single-phase motors which employ both start and run capacitor (CSR and CSIR configurations) for high starting torque.

The most frequent applications include air conditioning, commercial refrigeration, heat pump, etc.

The coil is energised by the potential of the start winding. When such voltage is raised up to the pick-up value, the contact will open and disconnect the start capacitor. The relay will remain energised until the start winding voltage is removed or decreases to less than the drop-out value.

DESIGN DATA

Coils: Class "B" (130°C) insulation.
See table for characteristics.

Contact rating: One Normally Close contact
RVA standard contact rating:
16A (break and make), 400V, $\cos\phi$ 0.85, 500,000 operations
35A break, 10A make, 400V, $\cos\phi$ 0.85, 200,000 operations
RVAH high capacity contact rating:
50A break, 15A make, 400V, $\cos\phi$ 0.85, 100,000 operations

Operation: See table for operating characteristics (dependent to mounting position)
Specify operating position
For Normal pollution conditions (according to EN60730)
Approved for use with flammable gas, according to EN60079-15:2010
Terminals: Quick-Connect 6.3 x 0.8 mm or screw M3.5 (see table)

Approvals: ENEC CA02.03532
UL E51436
CUL E51436
CQC

CODE EXPLANATION

RVA (H) 4 M 3 D

Basic model	_____	_____	_____	_____	_____
High capacity version	_____	_____	_____	_____	_____
Coil type	_____	_____	_____	_____	_____
Operating Characteristics (Pick-up and Drop-out)	_____	_____	_____	_____	_____
Operating position	_____	_____	_____	_____	_____
Terminal configuration	_____	_____	_____	_____	_____