

## DESCRIPTION

## PRODUCT COVERED:

USR, CNR - Definite Purpose Motor Controllers, Type PCJ, followed by 1, followed by 3 through 24, followed by D or H, followed by **2 or 3**, followed by M, may be followed by H, and may be followed by F or WG.

**USR, CNR - Relay, Type PCJT, followed by 1, followed by 5 through 24, followed by D, followed by 2, followed by M, may be followed by H, and may be followed by F or WG, maybe followed by Y.**

## GENERAL:

These devices are magnetically operated, SPST, Definite Purpose Motor Controllers, intended to be used in industrial applications where the suitability of the combination has been determined by Underwriters Laboratories, Inc.

## ELECTRICAL RATINGS:

**PCJ Series:**

AgNi Contacts: 5 A, 250 V ac, Resistive 6,000 cycles, 40°C.  
5 A, 250 V ac, General Use, 6,000 cycles, 85°C  
3 A, 250V ac, Resistive 100,000 cycles, 85°C  
3 A, 30 V dc, Resistive 100,000 cycles, 85°C  
1/10 hp, 240 V ac, 30,000 cycles, 75°C  
1.4 FLA/7.5 LRA, 240 V ac, 30,000 cycles, 75°C  
3 A, 250 V ac, Resistive, 100,000 cycles, 105°C (for  
Class F insulation system only)

AgNi Contacts, Low Sensitivity Coil Class F:

7 A, 250 V ac, Resistive, 50,000 cycles, 105°C

AgSnO Contacts: 5 A, 250V ac, Resistive 100,000 cycles, 85°C  
3 A, 250V ac, Resistive 100,000 cycles, 105°C  
7.5 LRA/3A FLA 250Vac, 30,000 cycles, 40°C

Coil: 3 to 24 V dc.

**PCJT series:**

**AgSnO contacts: TV-5, 120 Vac, 25,000 cycles, Ambient 25°C  
5 A, 250 Vac, Resistive, 50,000 cycles, Ambient 85°C**

## NOMENCLATURE:

*PCJ	<u>1</u>	<u>03</u>	<u>D</u>	<u>3</u>	<u>M</u>	<u>H</u>	<u>WG</u>	<u>XXXXX</u>
I	II	III	IV	V	VI	VII	VIII	IX

- |       |                      |   |
|-------|----------------------|---|
| I.    | Basic Series         | PCJ Series  |
| II.   | Termination:         | 1 - 1 Pole  |
| III.  | Coil voltage:        | 03 to 24Vdc   |
| IV.   | Coil power:          | D - Standard Sensitivity (200mW)<br>H - Low Sensitivity (360mW)   |
| V.    | Contact Material:    | 3 - AgNi<br>2 - AgSnO   |
| VI.   | Contact arrangement: | M - 1 Make (SPST-NO)  |
| VII.  | Sealant:             | Blank - Sealed Plastic Case<br>H - Sealed Version (Cleanable)   |
| VIII. | Insulation System:   | Blank - Standard material Class 105 (A) System<br>F - Class 155 (F) system<br>WG - Class 155 (F) system |
- \*IX. Additional Numbers and /or Letters:  
May be followed by up to **five** numbers and/or letters which do not represent electrical change

## NOMENCLATURE:

<u>PCJT</u>	<u>1</u>	<u>05</u>	<u>D</u>	<u>2</u>	<u>M</u>	<u>H</u>	<u>WG</u>	<u>Y</u>	<u>xxxxx</u>
I	II	III	IV	V	VI	VII	VIII	IX	X

- I. Basic Series PCJT Series
- II. Termination: 1 - 1 Pole
- III. Coil voltage: 05/06/09/12/18/24Vdc
- IV. Coil power: D - Standard Sensitivity (280mW)
- V. Contact Material: 2 - AgSnO
- VI. Contact arrangement: M - 1 Make (SPST-NO)
- VII. Sealant: H - Sealed Plastic Case  
Blank - Sealed Version (Cleanable)
- VIII. Insulation System: Blank - Standard material Class 105 (A) System  
F - Class 155 (F) system  
WG - Class 155 (F) system
- IX. Contact plate: Blank - Vertical Version  
Y - Flat Pack Version
- X. Additional Numbers and /or Letters:  
May be followed by up to five numbers and/or letters which do not represent electrical change