

## 1.Application

CJX7 Series AC contactors are suitable for frequency of 50/50Hz, rated insulation voltage up to 690-1000V, rated operational current up to 7A-95A at rated operational voltage up to 380V under the utilization category AC-3, They are mainly used for making breaking electric circuits at a long distance and for frequent starting stopping and reversing control of AC motors, They comply with IEC947, VDE0660, GB14048.



JRS3-12

## 2.Motion characteristic:three-phase balance motion time

| NO | Set current cinles | Notion time |           |      | Start conidition          | Temperature |
|----|--------------------|-------------|-----------|------|---------------------------|-------------|
| 1  | 1.05               | >2h         |           |      | cold state                | 20±5C       |
| 2  | 1.5                | <2h         |           |      | heat state                |             |
| 3  | 2.2                | <4min       |           |      | (following the NO.1 test) |             |
| 4  | 7.2                | 10A         | 2s<TP≤10s | ≤63A | cold state                |             |
|    |                    | 10A         | 2s<TP≤10s | >63A |                           |             |

## 3.Phase-losing motion characteristic

| NO | Set current cinles  |             | Notion time | Start conidition                        | Temperature |
|----|---------------------|-------------|-------------|-----------------------------------------|-------------|
| 1  | Arbitrary two phase | Three phase |             |                                         |             |
| 2  | 1.0                 | 0.9         | >2h         | cold state                              | 20±5C       |
|    | 1.15                | 0           | <2h         | heat state<br>(following the NO.1 test) |             |

## 4.Specifications

| type    | Power controllable motor(kw) | setting range(A) | contactors insert                                                 |
|---------|------------------------------|------------------|-------------------------------------------------------------------|
| JRS3-12 | 0.04                         | 0.11-0.16        | CJX-1015 (3RT-1015)<br>CJX-1016 (3RT-1016)<br>CJX-1017 (3RT-1017) |
|         | 0.06                         | 0.14-0.2         |                                                                   |
|         | 0.06                         | 0.18-0.25        |                                                                   |
|         | 0.09                         | 0.22-0.32        |                                                                   |
|         | 0.09                         | 0.28-0.4         |                                                                   |
|         | 0.12                         | 0.35-0.5         |                                                                   |
|         | 0.18                         | 0.45-0.63        |                                                                   |
|         | 0.18                         | 0.55-0.8         |                                                                   |
|         | 0.25                         | 0.7-1            |                                                                   |
|         | 0.37                         | 0.9-1.25         |                                                                   |
|         | 0.55                         | 1.1-1.6          |                                                                   |
|         | 0.75                         | 1.4-2            |                                                                   |
|         | 0.75                         | 1.8-2.5          |                                                                   |
|         | 1.1                          | 2.2-3.2          |                                                                   |
|         | 1.5                          | 2.8-4            |                                                                   |
|         | 1.5                          | 3.5-5            |                                                                   |
| JRS3-25 | 2.2                          | 4.5-6.3          | CJX-1023 (3RT-1023)<br>CJX-1024 (3RT-1024)                        |
|         | 3                            | 5.5-8            |                                                                   |
|         | 4                            | 7-10             |                                                                   |
|         | 5.5                          | 9-12             |                                                                   |
|         | 0.75                         | 1.8-2.5          |                                                                   |
| JRS3-50 | 1.1                          | 2.2-3.2          | CJX-1025 (3RT-1025)<br>CJX-1026 (3RT-1026)                        |
|         | 1.5                          | 2.8-4            |                                                                   |
|         | 1.5                          | 3.5-5            |                                                                   |
|         | 2.2                          | 4.5-6.3          |                                                                   |
|         | 3                            | 5.5-8            |                                                                   |
|         | 4                            | 7-10             |                                                                   |
|         | 5.5                          | 9-12.5           |                                                                   |
|         | 7.5                          | 11-16            |                                                                   |
|         | 7.5                          | 14-20            |                                                                   |
|         | 11                           | 17-22            |                                                                   |
|         | 11                           | 20-55            |                                                                   |



JRS3-25



JRS3-50

|          |      |         |                                                                   |
|----------|------|---------|-------------------------------------------------------------------|
| JRS3-50  | 3    | 5.5-8   | CJX-1034 (3RT-1034)<br>CJX-1035 (3RT-1035)<br>CJX-1036 (3RT-1036) |
|          | 4    | 7-10    |                                                                   |
|          | 5.5  | 9-12.5  |                                                                   |
|          | 7.5  | 11-16   |                                                                   |
|          | 7.5  | 14-20   |                                                                   |
|          | 11   | 18-25   |                                                                   |
|          | 15   | 22-32   |                                                                   |
|          | 18.5 | 28-40   |                                                                   |
|          | 22   | 36-45   |                                                                   |
|          | 22   | 40-50   |                                                                   |
| JRS3-100 | 11   | 18-25   | CJX-1044 (3RT-1044)<br>CJX-1045 (3RT-1045)<br>CJX-1046 (3RT-1046) |
|          | 15   | 22-32   |                                                                   |
|          | 18.5 | 28-40   |                                                                   |
|          | 22   | 36-50   |                                                                   |
|          | 30   | 45-63   |                                                                   |
|          | 37   | 57-75   |                                                                   |
|          | 45   | 70-90   |                                                                   |
|          | 45   | 800-100 |                                                                   |