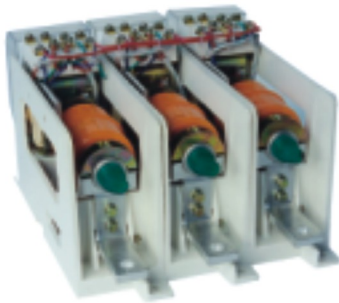


## EVS160, 250, 400, 630 AC Low Voltage Vacuum Contactor



### ► Main Technical Parameter

| Type                                               | EVS160 | EVS250               | EVS400            | EVS630            |
|----------------------------------------------------|--------|----------------------|-------------------|-------------------|
| Rated working current (A)                          | 160    | 250                  | 400               | 630               |
| Rated working voltage (V)                          | 1140   | 1140                 | 1140              | 1140              |
| Rated working frequency (Hz)                       | 50     | 50                   | 50                | 50                |
| Rated making capability (A)                        | 2500   | 2500                 | 6300              | 6300              |
| Rated breaking capability (A)                      | 2000   | 2000                 | 5040              | 5040              |
| Rated short-time withstand current                 | 3500   | 3500                 | 8000              | 8000              |
| Rated peak value withstand current                 | 5140   | 5140                 | 13600             | 13600             |
| At 660V, 50Hz, the permission max motor power (kW) | 140    | 220                  | 350               | 560               |
| Mechanical life                                    |        | $\geq 5 \times 10^6$ |                   |                   |
| Electricity life (times)                           | AC2    | $3 \times 10^6$      | $2 \times 10^6$   | $2 \times 10^6$   |
|                                                    | AC3    | $5 \times 10^6$      | $5 \times 10^6$   | $5 \times 10^6$   |
|                                                    | AC4    | $1.2 \times 10^5$    | $0.8 \times 10^5$ | $0.8 \times 10^5$ |
| Max mechanical operation frequency (time/H)        | 3000   | 3000                 | 3000              | 3000              |

### ► Main Technical Parameter

| Type       | Poles | b1 b2 b3<br>Maximum size | b4 | d1  | d2  | d3  | e1   | e2    | e3  | e4    | e5 | e6   | e7   | e8   | e9   | h1  | h2  | s1 | t1  | t2  | t3 | Weight |
|------------|-------|--------------------------|----|-----|-----|-----|------|-------|-----|-------|----|------|------|------|------|-----|-----|----|-----|-----|----|--------|
| EVS<br>160 | 1     | 75                       |    |     |     |     |      |       |     |       |    |      |      |      |      |     |     |    |     |     |    | 3.4    |
|            | 2     | 150                      |    |     |     |     |      |       |     |       |    |      |      |      |      |     |     |    |     |     |    | 7.0    |
|            | 3     | 225                      | 25 | 6.6 | 5.5 | M8  | 50   | 237.5 | 280 | 112.5 | 48 | 75   | 10   | 10   | 23   | 258 | 300 | 3  | 155 | 6.5 | 27 | 10.6   |
| EVS<br>250 | 1     | 75                       |    |     |     |     |      |       |     |       |    |      |      |      |      |     |     |    |     |     |    | 3.5    |
|            | 2     | 150                      |    |     |     |     |      |       |     |       |    |      |      |      |      |     |     |    |     |     |    | 7.2    |
|            | 3     | 225                      | 25 | 6.6 | 5.5 | M10 | 50   | 237.5 | 285 | 112.5 | 48 | 75   | 10   | 12.5 | 26   | 258 | 310 | 5  | 155 | 6.5 | 25 | 10.9   |
| EVS<br>400 | 1     | 87.5                     |    |     |     |     |      |       |     |       |    |      |      |      |      |     |     |    |     |     |    | 5.6    |
|            | 2     | 175                      |    |     |     |     |      |       |     |       |    |      |      |      |      |     |     |    |     |     |    | 11.5   |
|            | 3     | 262.5                    | 30 | 9   | 6.6 | M10 | 62.5 | 275   | 305 | 116   | 56 | 87.5 | 12.5 | 12.5 | 22.5 | 300 | 330 | 8  | 200 | 7.5 | 42 | 17.2   |
| EVS<br>630 | 1     | 87.5                     |    |     |     |     |      |       |     |       |    |      |      |      |      |     |     |    |     |     |    | 5.8    |
|            | 2     | 175                      |    |     |     |     |      |       |     |       |    |      |      |      |      |     |     |    |     |     |    | 11.9   |
|            | 3     | 262.5                    | 30 | 9   | 6.6 | M12 | 62.5 | 275   | 310 | 116   | 56 | 87.5 | 12.5 | 15   | 25   | 300 | 340 | 10 | 200 | 7.5 | 40 | 17.8   |

