

## CRH-500 Power Form C Switch



### Electrical Characteristics

|                                   |        |                 |
|-----------------------------------|--------|-----------------|
| Contact form                      |        | C               |
| Contact material                  |        | Rh              |
| Contact rating max.               | W / VA | 60              |
| Switching current max.            | A      | 1.0             |
| Carry current max.                | A      | 3.0             |
| Switching voltage max.            | VDC    | 500             |
|                                   | VAC    | 350             |
| Breakdown voltage min.            | VDC    | 1200            |
| Contact resistance (initial) max. | mΩ     | 130             |
| Insulation resistance min.        | Ω      | 10 <sup>9</sup> |
| Capacitance typ.                  | pF     | 2.0             |

### Magnetical Characteristics

|                         |    |         |
|-------------------------|----|---------|
| Pull in range available | AT | 50 - 80 |
| Drop out min.           | AT | 20      |
| Test coil               | TC | 500     |

### Operating Characteristics

|                                  |    |             |
|----------------------------------|----|-------------|
| Operate time (incl. bounce) max. | ms | 4.5         |
| Release time max.                | ms | 7.0         |
| Switching frequency max.         | Hz | 50          |
| Resonant frequency typ.          | Hz | 2800        |
| Vibration (50-2000 Hz)           | g  | 15          |
| Shock (1/2 sin 11 ms)            | g  | 10          |
| Operating temperature            | °C | -20 to +125 |

### Dimensions in mm

|                         |       |
|-------------------------|-------|
| A = Total length nom.   | 85.70 |
| B = Glass length max.   | 39.70 |
| C = Glass diameter max. | 5.40  |
| D = Wire diameter nom.  | 1.30  |
| E = Gap location nom.   | 37.70 |

