

CSS-I12X/DC5-48V

1 pole | Normally open solid state AC | Faston



|                                   |                 |
|-----------------------------------|-----------------|
| <b>Main circuit</b>               |                 |
| Output type                       | TRIAC           |
| Type                              | Instantaneous   |
| Output voltage range              | 24 ... 250 V AC |
| Recommended minimum contact load  | 35 mA           |
| Residual current                  | 5 mA            |
| Maximum voltage drop              | ≤ 1.1 V AC      |
| Rated current                     | 3 A             |
| Inrush current                    | 150 A, 10 ms    |
| Rated limit load I <sup>2</sup> t | 210 A²s         |
| Rated load AC                     | 750 VA          |

|                         |                              |
|-------------------------|------------------------------|
| <b>Control circuit</b>  |                              |
| Nominal voltage         | see table product references |
| Operating voltage range | 5 ... 48 V DC                |
| Input voltage range     | 4.75 ... 60 V DC             |
| Input current           | 10 mA                        |
| Pick-up voltage         | 5 V DC                       |
| Release voltage         | < 4.75 V                     |
| Power consumption DC    | 300 mW                       |

|                              |               |
|------------------------------|---------------|
| <b>General data</b>          |               |
| Storage temperature (no ice) | -40 ... 85 °C |
| Operation temperature        | -40 ... 70 °C |
| Pick-up time                 | 0.06 ms       |
| Release time                 | 0.06 ms       |
| Ingress Protection           | IP 40         |
| Dimensions                   | fig. 3.       |
| Weight                       | 28 g          |
| Housing material             | PA / PC       |

| <b>Product references</b>                                 |                 |      |
|-----------------------------------------------------------|-----------------|------|
| Description                                               | Type            | 5-48 |
| DC                                                        | CSS-I12X/DC...V | ✓    |
| «...» List control voltage to complete product references |                 |      |

|                             |                    |
|-----------------------------|--------------------|
| <b>Optional Accessories</b> |                    |
| Socket                      | S10, S10-P, S10-PI |

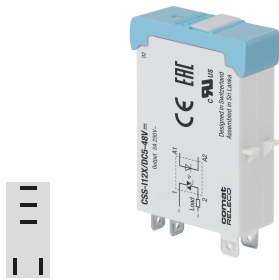


fig. 1. Wiring diagram

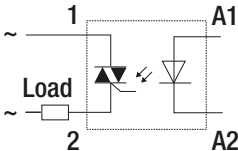


fig. 2. AC derating curve

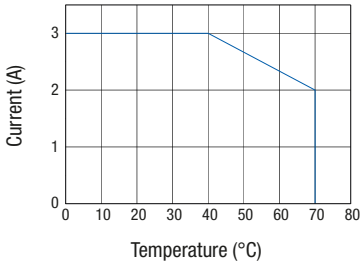
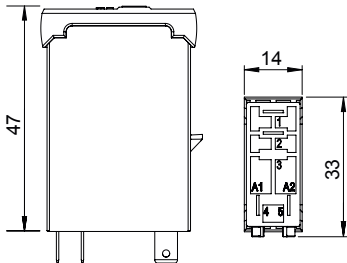


fig. 3. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 60947

Approvals