



|                       |          |                    |
|-----------------------|----------|--------------------|
| <b>Identification</b> | Type     | REP-0146 1W DC115V |
|                       | Part-No. | 770146             |

**Input**

|                      |                  |
|----------------------|------------------|
| Input voltage range  | 77.0 V – 165.0 V |
| Nominal voltage      | DC 115 V         |
| Rated current        | 5.0 mA           |
| Interrupting voltage | <11 V            |
| Protection device    | overload diode   |
| Status Indication    | LED green        |
| Power consumption    | 0.40 W           |

**Load Side**

|                          |   |
|--------------------------|---|
| Contact type             | 1 change over contact                           |
| Min. switching voltage   | AC/DC 5 V                                       |
| Max. switching voltage   | AC 400 V / DC 300 V                             |
| Min. switching current   | AgNi: AC/DC 5 mA                                |
| Max. switching current   | AC/DC 16 A                                      |
| Switching capacity AC 15 | 3.3 A   |
| Switching capacity DC 13 | at 24 V: 2A; at 115 V: 300 mA; at 230 V, 150 mA |
| Max. switching capacity  | 4000 VA   |
| Contact material         | AgNi  |
| Mechanical service life  | >1 × 10 <sup>7</sup> operations                 |

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USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA  
 Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223  
 www.lutze.com • info@lutze.com

United Kingdom: LUTZE Ltd.

Unit 3, Sandy Hill Park  
 Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU  
 Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2  
 www.lutze.com • sales.gb@lutze.co.uk



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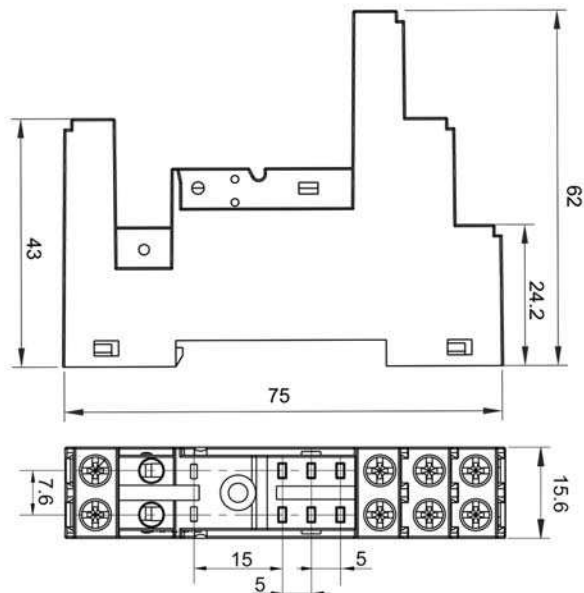
## Technical data sheet • Interface Technology

|   |  |
|---|--|
| Switch-on delay                               | 15 ms  |
| Switch-off delay                              | 8 ms   |
| Clearance/creep. dist.<br>(control/load side) | Clearance distance: > 10 mm; creepage distance: > 10mm |

### General

|                                 |   |
|---------------------------------|---|
| Housing material                | PA66+GF V0 (UL)                         |
| Protection class                | IP 20                                   |
| Field installation              | rail TS 35 (EN 50022)                   |
| Insulation voltage input/output | 5.0 kV <sub>eff</sub>                   |
| Safe isolation                  | Yes                                     |
| Operation temperature range     | -40 °C – 85 °C                          |
| Storage temperature range       | -40 °C – 85 °C                          |
| Dimensions (w × h × d)          | 15.6 × 75.0 × 67.0 mm                   |
| Weight (kg/piece)               | 0.062                                   |
| Approvals                       | cULus                                   |
| Termination                     | Screw terminal: 0.2–4.0 mm <sup>2</sup> |

### Dimensions



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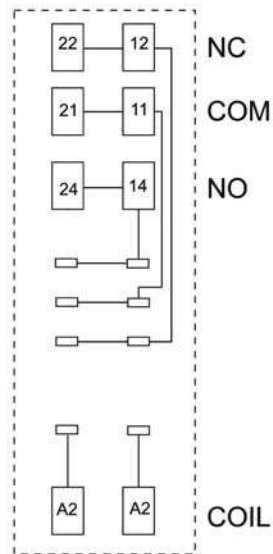
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**PIN assignment**



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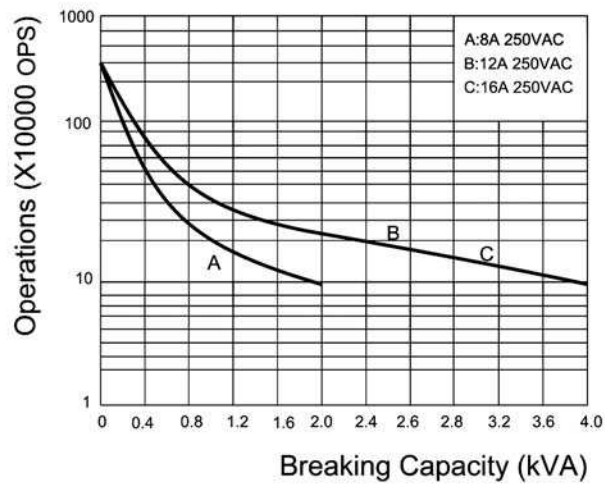
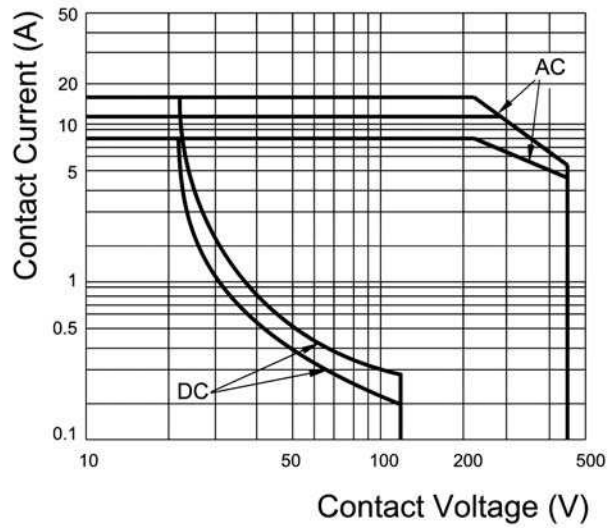
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**Limit curve**



**Accessories**

| Accessories            | Color | Article number | Type     | PU |
|------------------------|-------|----------------|----------|----|
| Jumper comb 10A        | black | 770908         | REP-0908 | 10 |
| Plate                  |       | 770902         | REM-0902 | 10 |
| Mounting bracket relay |       | 770901         | REE-0901 | 10 |

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