



|                        |                      |                      |
|------------------------|----------------------|----------------------|
| <b>Identification</b>  | Type                 | OT 7-1691 AC/DC 24 V |
|                        | Part-No.             | 761691               |
| <b>Input</b>           |                      |                      |
| Input voltage range    | 16.8 V – 30.0 V      |                      |
| Rated current          | 14.0 mA              |                      |
| Interrupting voltage   | 11 V11 V             |                      |
| Protection device      | Bridge rectifier     |                      |
| Status Indication      | LED yellow           |                      |
| Rated frequency        | 50-60 Hz             |                      |
| <b>Load Side</b>       |                      |                      |
| Switching element      | Triac, N/O contact   |                      |
| Min. switching voltage | AC 12 V              |                      |
| Max. switching voltage | AC 275 V             |                      |
| Min. switching current | AC 5 mA              |                      |
| Max. switching current | AC 750 mA (Derating) |                      |
| Inrush current         | 80 A (10 ms)         |                      |
| Leakage current        | 1.5 mA               |                      |
| Switch-on delay        | 3 ms                 |                      |
| Switch-off delay       | 4 ms                 |                      |
| Switching frequency    | < 100 Hz             |                      |

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Part-No. 761691

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



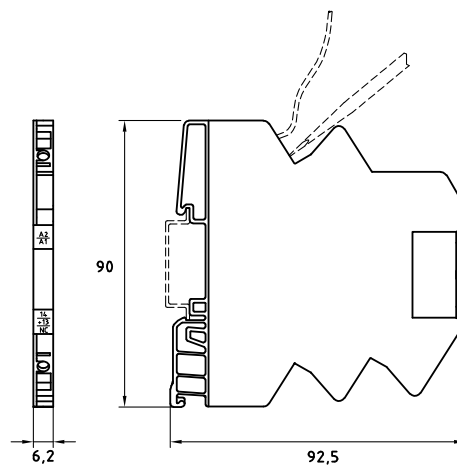
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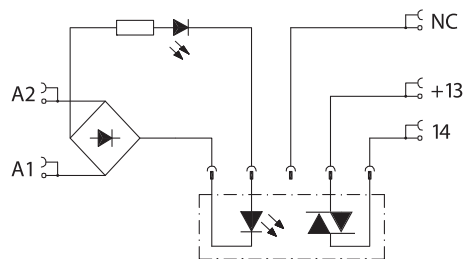
## General

|   |   |
|---|---|
| Housing material                              | PA 6.6 (UL 94 V-0)                      |
| Protection class                              | IP 20                                   |
| Field installation                            | rail TS 35 (EN 50022)                   |
| Insulation voltage input/output               | 4.0 kV <sub>eff</sub>                   |
| Clearance/creep. dist.<br>(control/load side) | >5.5 mm                                 |
| Safe isolation                                | yes                                     |
| Operation temperature range                   | -25 °C – 60 °C                          |
| Storage temperature range                     | -40 °C – 80 °C                          |
| Dimensions (w × h × d)                        | 6.2 × 90.0 × 92.5 mm                    |
| Weight (kg/piece)                             | 0.030                                   |
| Termination                                   | Spring terminal 0.5–1.5 mm <sup>2</sup> |

## Dimensions



## PIN assignment



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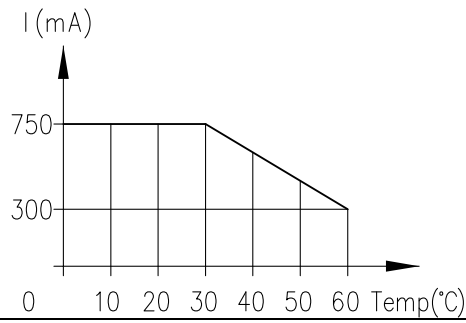
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## Derating



## Accessories

| Accessories        | Color | Article number | Type      | PU  |
|--------------------|-------|----------------|-----------|-----|
| tag holder 4×11 mm | white | 681313         | BZT -0411 | 100 |
| Isolation plate    |       | 760809         | TP 7-0809 | 5   |

## Accessories

| Accessories     | Color | 2-pole | 3-pole | 4-pole | 8-pole | 16-pole | PU |
|-----------------|-------|--------|--------|--------|--------|---------|----|
| 6 A jumper comb | red   | 762802 | 762805 | 762812 | 762822 | 762832  | 10 |
| 6 A jumper comb | white | 762803 | 762806 | 762813 | 762823 | 762833  | 10 |
| 6 A jumper comb | blue  | 762804 | 762807 | 762814 | 762824 | 762834  | 10 |

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