### Product data sheet

**Characteristics**

#### Main

- **Range of product**: Zelio Relay
- **Product or component type**: Solid state relay
- **Device short name**: SSLM
- **Network number of phases**: 1 phase

#### Complementary

- **Mounting support**: Symmetrical DIN rail
- **[In] rated current**: 3 A
- **Output voltage**: 5...60 V DC
- **[Uc] control circuit voltage**: 4...28 V DC
- **Contacts type and configuration**: 1 NO
- **CLAMPING FORCE**: 0.6...0.8 N.m
- **Connections - terminals**: Screw terminals, clamping capacity: 1 x 0.2...1 x 5.26 mm² (AWG 24...AWG 10)
- **Switching voltage**: 4 V DC turn-on
- **Load current**: 0...3 A
- **Maximum voltage drop**: <1 V on-state
- **Maximum leakage current**: 1 mA off-state
- **Response time**: 40 µs (turn-on)
  - 40 µs (turn-off)
- **Overvoltage category**: III
- **Width**: 7.5 mm
- **Height**: 80 mm
- **Depth**: 63 mm
- **Net weight**: 0.03 kg

#### Environment

- **Dielectric strength**: 4000 V for input/output

---

**Disclaimer:** This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
<table>
<thead>
<tr>
<th>Pollution degree</th>
<th>2</th>
</tr>
</thead>
</table>
| Product certifications | UL  
EAC  
CSA |
| Marking | UL  
CSA  
CE  
EAC |
| Ambient air temperature for operation | 0…70 °C |

**Offer Sustainability**

<table>
<thead>
<tr>
<th>Sustainable offer status</th>
<th>Green Premium product</th>
</tr>
</thead>
<tbody>
<tr>
<td>REACh Regulation</td>
<td>REACh Declaration</td>
</tr>
</tbody>
</table>
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)  
EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
Dimensions

(A) Fuse Holder

Dimensions Drawings

SSLM1D23BD
1, 2 : Field VDC (Supply through Load)
3, 4 : Vcc
(1) Load
(2) Amplifier
(A) LED