

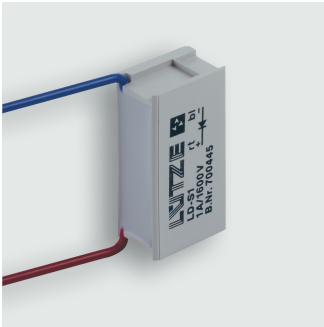
## Technical data sheet

### Suppression Technology · Suppressor for Switched Gear

#### Universal Suppressor Module

Enclosure type: S1

Protection device: Diode



#### Identification

|          |                          |
|----------|--------------------------|
| Type     | LD-S1-0445 DC 24-230V 1A |
| Part No. | 700445                   |

#### Product version

|                   |    |
|-------------------|----|
| Datasheet version | 00 |
|-------------------|----|

#### Description

|             |                             |
|-------------|-----------------------------|
| Description | Universal Suppressor Module |
|-------------|-----------------------------|

#### Technical data

|                                   |                              |
|-----------------------------------|------------------------------|
| Type of function                  | Switching device suppression |
| Protection device                 | Diode                        |
| Rated voltage $U_N$               | DC 24–230 V                  |
| Cut-off peak                      | $\leq 1$ V                   |
| Inverse voltage/switching current | 1600 V / 1 A                 |
| Holding Capacity                  | 25 VA                        |
| Type of connecting lead           | 0.5 mm <sup>2</sup> LIY      |
| Cable length                      | 0.15 m                       |

#### General

|                  |              |
|------------------|--------------|
| Design           | S1           |
| Potting compound | 2-components |
| Conductor color  | blue, red    |
| Housing material | PPO          |

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|                             |                                                             |
|-----------------------------|-------------------------------------------------------------|
| Color of the housing        | grey                                                        |
| Protection class            | IP67                                                        |
| Mounting                    | Attachment to contactor<br>with holder<br>DIN rail mounting |
| Connection type             | Fork-type cable lug<br>M 4                                  |
| Operation temperature range | -20 °C ... +60 °C                                           |
| Storage temperature range   | -20 °C ... +80 °C                                           |
| Dimensions (w × h × d)      | 34.0 mm × 19.0 mm × 12.0 mm                                 |
| Weight/unit                 | 0.01 kg                                                     |
| PU (units)                  | 10                                                          |

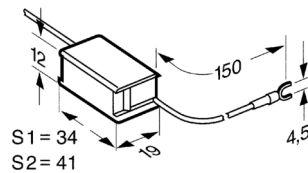
#### Certifications/Standards

|                |                 |
|----------------|-----------------|
| Certifications | cURus (E135145) |
|----------------|-----------------|

#### Accessories

|             |                                                                                                |
|-------------|------------------------------------------------------------------------------------------------|
| Accessories | Retaining clip for type S1, transparent: Part-No. 700409   connection wires  <br>PU: 100 units |
|-------------|------------------------------------------------------------------------------------------------|

#### Dimensions



#### PIN assignment

Diode



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#### Mounting diagram

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