# Product data sheet
## Characteristics

# LAD4D3U
## D40A to D65A Diode 24-250VDC Suppressor




## Main

| | |
|---|---|
| Range | TeSys<br>TeSys Deca |
| Device short name | LAD4 |
| Product or component type | Suppressor module |
| Product compatibility | 3P LC1D40A...D80A<br>4P LC1DT60A...DT80A |

## Complementary

| | |
|---|---|
| Mounting location | Front |
| Mounting mode | By clips |
| Suppressor technology | Flywheel diode |
| [Uc] control circuit voltage | 24...250 V DC |
| Maximum peak voltage | 1 Uc |
| Net weight | 0.02 Kg |
| Colour | Dark grey |

## Environment

| | |
|---|---|
| Standards | IEC 60947-5-1<br>EN 60947-5-1<br>CSA C22.2 No 60947-5-1<br>UL 60947-5-1<br>GB/T 14048.5 |
| Product certifications | UL[RETURN]CSA |
| IP degree of protection | IP2X conforming to IEC 60529 |
| Ambient air temperature for operation | -25…55 °C |
| Ambient air temperature for storage | -40…80 °C |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 2 Cm |
| Package 1 Width | 5 Cm |
| Package 1 Length | 3 Cm |
| Package 1 Weight | 19 G |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 6.2 Cm |
| Package 2 Width | 7.5 Cm |
| Package 2 Length | 12 Cm |

| | |
|---|---|
| Package 2 Weight | 191 G |
| Unit Type of Package 3 | S01 |
| Number of Units in Package 3 | 100 |
| Package 3 Height | 15 Cm |
| Package 3 Width | 15 Cm |
| Package 3 Length | 40 Cm |
| Package 3 Weight | 2.147 Kg |

## Offer Sustainability

| | |
|---|---|
| Recyclability potential, in % | 20 |
| Total lifecycle Carbon footprint | 0.2 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.18024469820554648 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.2 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.0023693311582381727 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| REACh free of SVHC | Yes |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| Sustainable packaging | No |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.05996247960848286 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.1 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 1 |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | No |
| REACh Regulation | Free of Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant |
| End of life manual availability | No need of specific recycling operations |
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection and |

## Contractual warranty

| | |
|---|---|
| Warranty (in months) | 18 |

Product Life Status : Commercialised