

Product data sheet

Specifications



TeSys Deca, interface amplifier module, relay, 24V DC / 250V AC

LA4DFB

Main

| | |
|---------------------------|------------------|
| Range | TeSys |
| Device Short Name | LA4D |
| Poles Description | 3P |
| Product Or Component Type | Interface module |
| Product Compatibility | LC1D09...D150 |

Complementary

| | |
|--------------------------------|--|
| Mounting Mode | Top mounted |
| Technology Type | Electromechanical |
| [Us] Rated Supply Voltage | 24 V DC |
| Control Circuit Voltage Limits | 17...30 V at 20 °C DC |
| [Ui] Rated Insulation Voltage | 250 V - for control circuit conforming to IEC 60947-5-1 |
| Connections - Terminals | Control circuit: connector 1 cable(s) 1...2.5 mm²flexible with cable end Control circuit: connector 1 cable(s) 1...2.5 mm²flexible without cable end Control circuit: connector 1 cable(s) 1...2.5 mm²solid with cable end Control circuit: connector 1 cable(s) 1...2.5 mm²solid without cable end Control circuit: connector 2 cable(s) 1...2.5 mm²flexible with cable end Control circuit: connector 2 cable(s) 1...2.5 mm²flexible without cable end Control circuit: connector 2 cable(s) 1...2.5 mm²solid with cable end Control circuit: connector 2 cable(s) 1...2.5 mm²solid without cable end |
| [Ue] Rated Operational Voltage | Control circuit: 24...250 V AC |
| Current Consumption | 25 mA 20 °C |
| Current State 0 Guaranteed | <= 2 mA |
| Voltage State 0 Guaranteed | < 2.4 V |
| Voltage State 1 Guaranteed | 17 V |
| Electrical Durability | 10 Mcycles at 240 V |
| Local Signalling | LED indicator |
| Height | 12 mm |
| Net Weight | 0.05 kg |

Environment

| | |
|---|-------------|
| Standards | IEC 60255-5 |
| Product Certifications | UL CSA |
| [Ith] Conventional Free Air Thermal Current | 8 A 50 °C |

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

| | |
|---|------------------------------|
| Protection Type | Built-in by diode |
| Ip Degree Of Protection | IP2X conforming to IEC 60529 |
| Ambient Air Temperature For Operation | -25...55 °C |
| Permissible Ambient Air Temperature Around The Device | -25...70 °C |
| Ambient Air Temperature For Storage | -40...80 °C |
| Heat Dissipation | 0.6 W for control circuit |
| Immunity To Microbreaks | 4 ms |

Packing Units

| | |
|------------------------------|-----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 4.000 cm |
| Package 1 Width | 5.000 cm |
| Package 1 Length | 5.000 cm |
| Package 1 Weight | 49.000 g |
| Unit Type Of Package 2 | S02 |
| Number Of Units In Package 2 | 70 |
| Package 2 Height | 15.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 3.767 kg |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Sustainability

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[Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

| | |
|--------------------------|---|
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Compliant with Exemptions |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | No need of specific recycling operations |