

Product data sheet

Specifications



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

LA4DFB

Product availability: Stock - Normally stocked in distribution facility

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 68 °F (20 °C) DC
[Ui] rated insulation voltage	250 V - control circuit IEC 60947-5-1
Connections - terminals	Control circuit connector 1 0.002...0.004 in² (1...2.5 mm²)flexible with cable end Control circuit connector 1 0.002...0.004 in² (1...2.5 mm²)flexible without cable end Control circuit connector 1 0.002...0.004 in² (1...2.5 mm²)solid with cable end Control circuit connector 1 0.002...0.004 in² (1...2.5 mm²)solid without cable end Control circuit connector 2 0.002...0.004 in² (1...2.5 mm²)flexible with cable end Control circuit connector 2 0.002...0.004 in² (1...2.5 mm²)flexible without cable end Control circuit connector 2 0.002...0.004 in² (1...2.5 mm²)solid with cable end Control circuit connector 2 0.002...0.004 in² (1...2.5 mm²)solid without cable end
[Ue] rated operational voltage	Control circuit 24...250 V AC
Current consumption	25 mA 68 °F (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 240 V
Local signalling	LED indicator
Height	0.5 in (12 mm)
Product Weight	0.11 lb(US) (0.05 kg)

Environment

Standards	IEC 60255-5
Product Certifications	UL CSA
[Ith] conventional free air thermal current	8 A 122 °F (50 °C)
Protection Type	Built-in by diode

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

IP degree of protection	IP2X conforming to IEC 60529
Ambient Air Temperature for Operation	-13...131 °F (-25...55 °C)
Permissible ambient air temperature around the device	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...176 °F (-40...80 °C)
Heat dissipation	0.6 W control circuit
Immunity to microbreaks	4 ms

Ordering and shipping details

Category	US10I1222341
Discount Schedule	0I12
GTIN	3389110236378
Returnability	Yes
Country of origin	TN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.575 in (4.000 cm)
Package 1 Width	1.969 in (5.000 cm)
Package 1 Length	1.969 in (5.000 cm)
Package weight(Lbs)	1.728 oz (49.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	70
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	8.305 lb(US) (3.767 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	0.6 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.5 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	8a21c0d1-be95-4e83-b703-1e8075e942f8
EU RoHS Directive	Compliant
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	20
Circularity Profile	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 never end up in rubbish bins.