Product data sheet

Specifications



TeSys Deca - interface amplifier module - solid state - 24V DC/250V AC

LA4DWB

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...D115

Complementary

Mounting Mode	Top mounted
Technology Type	Solid state
[Us] rated supply voltage	24 V DC
Control circuit voltage limits	5...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	8.5...15 mA 68 °F (20 °C)
Current state 0 guaranteed	<= 2 mA
Voltage state 0 guaranteed	< 2.4 V
Voltage state 1 guaranteed	5 V
Electrical durability	20 Mcycles 240 V
Local signalling	LED indicator
Height	0.7 in (19 mm)
Net Weight	0.099 lb(US) (0.045 kg)

Environment

Standards	IEC 60255-5
Product Certifications	CSA UL
[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	0.4 W control circuit
Immunity to microbreaks	1 ms

Ordering and shipping details

Category	US1CTR121253
Discount Schedule	CTR1
GTIN	3389110236477
Returnability	Yes
Country of origin	TN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.9 in (4.8 cm)
Package 1 Width	1.9 in (4.8 cm)
Package 1 Length	2.0 in (5.0 cm)
Package weight(Lbs)	2.0 oz (56.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	70
Package 2 Height	5.9 in (15.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	9.30 lb(US) (4.22 kg)

Contractual warranty

Warranty (in months)	18

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	**0.5 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.4 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**
California proposition 65	**WARNING: This product can expose you to chemicals including: Lead, which is known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.**

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.**