Product data sheet
Characteristics

LA4DFB
TeSys Deca, interface amplifier module, relay, 24V DC / 250V AC



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[RETURN]CSA
[Ith] conventional free air thermal current	8 A 50 °C
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

Offer Sustainability

Recyclability potential, in %	20
Total lifecycle Carbon footprint	0.6 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.4506117455138661
Carbon footprint of the manufacturing phase [A1 to A3]	0.5 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.005923327895595431
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.14990619902120714
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	Yes
SCIP Number	8a21c0d1-be95-4e83-b703-1e8075e942f8
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Lead, which is known to the State
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