

# Product data sheet

## Characteristics

### LA4DFB

#### TeSys D - interface amplifier module - relay - 24 V DC / 250 V AC



#### Main

Commercial Status	Commercialised
Range of product	TeSys D
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 - for control circuit - conforming to IEC 60947-5-1
Connections - terminals	Control circuit: connector 2 cable 0...0 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) - cable stiffness: solid - without cable end Control circuit: connector 2 cable 0...0 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) - cable stiffness: solid - with cable end Control circuit: connector 2 cable 0...0 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) - cable stiffness: flexible - without cable end Control circuit: connector 2 cable 0...0 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) - cable stiffness: flexible - with cable end Control circuit: connector 1 cable 0...0 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) - cable stiffness: solid - without cable end Control circuit: connector 1 cable 0...0 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) - cable stiffness: solid - with cable end Control circuit: connector 1 cable 0...0 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) - cable stiffness: flexible - without cable end Control circuit: connector 1 cable 0...0 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) - cable stiffness: flexible - with cable end
[Ue] rated operational voltage	24...250 V AC for control circuit
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 at 240 V
Local signalling	LED indicator
Height	0.47 in (12 mm)
Product weight	0.11 lb(US) (0.05 kg)

## Environment

Standards	IEC 60255-5
Product certifications	CSA UL
Protection type	Built-in by diode
IP degree of protection	IP2x conforming to VDE 0106
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature around device	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...176 °F (-40...80 °C)
Heat dissipation	0.6 W for control circuit
Immunity to microbreaks	4 ms

## Ordering and shipping details

Category	22341 - CONTACTOR,D,K,&F ACCESS
Discount Schedule	I12
GTIN	00785901260905
Nbr. of units in pkg.	1
Package weight(Lbs)	0.12
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	TN

## Contractual warranty

Period	18 months
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