

# Product data sheet

Specifications



## Auxiliary contact block, TeSys Deca, 2NO + 2NC, front mounting, spring terminals

LADN223

### Main

Range	TeSys TeSys Deca
Product name	TeSys D TeSys Deca
Product or component type	Auxiliary contact block
Device short name	LADN
Range compatibility	TeSys D CAD TeSys D LC1D TeSys Deca CAD TeSys Deca LC1D
Mounting location	Front
Pole contact composition	2 NO + 2 NC
Contacts operation	Instantaneous
[Ue] rated operational voltage	690 V AC 25...400 Hz
[Ui] rated insulation voltage	690 V conforming to IEC 60947-5-1 600 V conforming to UL 600 V conforming to CSA
[Ith] conventional free air thermal current	10 A (at 60 °C)
Standards	EN/IEC 60947-5-1 UL 60947-5-1 CSA C22.2 No 60947-5-1 GB/T 14048.5
Product certifications	CB UL CSA CCC EAC UKCA

### Complementary

Irms rated making capacity	140 A AC conforming to IEC 60947-5-1 250 A DC conforming to IEC 60947-5-1
Permissible short-time rating	100 A 60 °C 1 s 120 A 60 °C 500 ms 140 A 60 °C 100 ms
Protection type	GG fuse 10 A
Mechanical durability	30 Mcycles
Minimum switching current	5 mA
Minimum switching voltage	17 V

Non-overlap time	1.5 ms on de-energisation no overlap between NC and NO contact 1.5 ms on energisation no overlap between NC and NO contact
Insulation resistance	> 10 MOhm
Connections - terminals	Spring terminals 2 cable(s) 2.5 mm²flexible without cable end Spring terminals 2 cable(s) 2.5 mm²rigid
Colour	Dark grey
Height	48 mm
Width	44 mm
Depth	42 mm
Net weight	0.05 kg

## Environment

Environmental characteristic	Normal environment
IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for storage	-60...80 °C
Ambient air temperature for operation	-5...60 °C
Operating altitude	3000 m

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	67.0 g
Package 1 Height	5.0 cm
Package 1 width	5.0 cm
Package 1 Length	4.0 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Weight	676.0 g
Package 2 Height	5.0 cm
Package 2 width	8.5 cm
Package 2 Length	26.0 cm
Unit Type of Package 3	S03
Number of Units in Package 3	160
Package 3 Weight	11.394 kg
Package 3 Height	30.0 cm
Package 3 width	30.0 cm
Package 3 Length	40.0 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant

<a href="#">EU RoHS Declaration</a>	
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins