

Product datasheet

Specifications



Auxiliary contact block, Easy TeSys Control, 4NO, for LC1E/CAE

LAEN40

Main

Range	Easy TeSys
Range of product	Easy TeSys Control
Product or component type	Auxiliary contact block
Device application	Signalling
Device short name	LAEN
Mounting location	Front
Auxiliary contacts operation	Instantaneous

Complementary

Range compatibility	EasyPact EasyPact TVS LC1E
Pole contact composition	4 NO
[Ui] rated insulation voltage	690 V - for control circuit conforming to IEC 60947-5-1
[Ue] rated operational voltage	<= 690 V
[Ith] conventional free air thermal current	8 A (at 60 °C)
Irms rated making capacity	140 A AC conforming to IEC 60947-5-1
[Icw] rated short-time withstand current	100 A - 1 s 120 A - 500 ms 140 A - 100 ms
Protection type	GG fuse 10 A
Mechanical durability	10 Mcycles
Minimum switching current	5 mA
minimum switching voltage	17 V
Non-overlap time	1.5 ms on energisation no overlap between NC and NO contact 1.5 ms on de-energisation no overlap between NC and NO contact
Insulation resistance	> 10 MOhm
Connections - terminals	Control circuit: screw clamp terminals 1 1 mm ² - external diameter: 6 mm - cable stiffness: solid or flexible with cable end Control circuit: screw clamp terminals 1 1 mm ² - external diameter: 6 mm - cable stiffness: solid or flexible without cable end Control circuit: screw clamp terminals 2 2.5 mm ² - external diameter: 6 mm - cable stiffness: solid or flexible with cable end Control circuit: screw clamp terminals 2 2.5 mm ² - external diameter: 6 mm - cable stiffness: solid or flexible without cable end
Net weight	0.06 kg
Colour	Grey (RAL 7011)

Environment

Standards	EN/IEC 60947-1 EN/IEC 60947-5-1 GB/T 14048.1 GB/T 14048.5 EN/IEC 60335-1:Clause 30.2 EN/IEC 60335-2-40:Annex JJ
Product certifications	CB Scheme CCC CE EAC
IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for operation	-5...55 °C
Ambient air temperature for storage	-60...80 °C
Operating altitude	3000 m without derating
Environmental characteristic	Standard environment

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4 cm
Package 1 Width	8.5 cm
Package 1 Length	15 cm
Package 1 Weight	70 g

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	7 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
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 installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	6 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	Free of 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 %	37
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 never end up in rubbish bins