Product data sheet
Characteristics

LAEN20
Auxiliary contact block,Easy TeSys Control,2NO,for LC1E/CAE



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	2 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
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 mm² - external diameter: 6 mm - cable stiffness: solid Control circuit: screw clamp terminals 1 1 mm² - external diameter: 6 mm - cable stiffness: solid Control circuit: screw clamp terminals 2 2.5 mm² - external diameter: 6 mm - cable stiffness: so Control circuit: screw clamp terminals 2 2.5 mm² - external diameter: 6 mm - cable stiffness: so
Net weight	0.035 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[RETURN]CCC[RETURN]CE[RETURN]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	3 Cm
Package 1 Width	7.4 Cm
Package 1 Length	13 Cm
Package 1 Weight	50 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	2.818 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	1120
Package 3 Height	75.000 Cm
Package 3 Width	60.000 Cm
Package 3 Length	80.000 Cm
Package 3 Weight	54.500 Kg

Offer Sustainability

Recyclability potential, in %	37
Total lifecycle Carbon footprint	4 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.2959967001724091
Carbon footprint of the manufacturing phase [A1 to A3]	0.3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.016027398365211956
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.002731549233425476
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	3.160559640010947
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	3 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]	0.07857067023637833
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	4
Packaging made with recycled cardboard	Yes

Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
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 a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised