Product data sheet
Characteristics

LA1DY20
Auxiliary contact block, TeSys Deca, 2NO(sealed), front mounting



Main

Range	TeSys
Product name	TeSys Deca
Product or component type	Auxiliary contact block
Device short name	LA1
Range compatibility	TeSys D CAD[RETURN]TeSys D LC1D[RETURN]TeSys F LC1F[RETURN]TeSys F CR1F[RE
Mounting location	Front
Pole contact composition	2 earth screen continuity poles 2 NO (sealed)
Auxiliary contacts operation	Instantaneous
[Ue] rated operational voltage	125 V AC for protected contact 30 V DC for protected contact
[Ie] rated operational current	0.1 A
[Ui] rated insulation voltage	250 V conforming to IEC 60947-5-1
Standards	EN/IEC 60947-5-1 UL 60947-5-1 CSA C22.2 No 60947-5-1 GB/T 14048.5
Product certifications	CB[RETURN]UL[RETURN]CSA[RETURN]CCC[RETURN]EAC[RETURN]UKCA

Complementary

Mechanical durability	5 Mcycles
Minimum switching current	1 MA
Minimum switching voltage	5 V
Insulation resistance	> 10 MOhm
Connections - terminals	Screw clamp terminals 1 cable(s) 1…2.5 mm²flexible with cable end Screw clamp terminals 1 cable(s) 1…2.5 mm²flexible without cable end Screw clamp terminals 2 cable(s) 1…2.5 mm²flexible with cable end Screw clamp terminals 2 cable(s) 1…2.5 mm²flexible without cable end Screw clamp terminals 1 cable(s) 1…2.5 mm²rigid Screw clamp terminals 2 cable(s) 1…2.5 mm²rigid
Tightening torque	1.7 N.M - with screwdriver flat Ø 6 mm 1.7 N.M - with screwdriver Philips No 2 1.7 N.M - with screwdriver pozidriv No 2
Height	48 Mm
Width	44 Mm
Depth	39 Mm
Net weight	0.04 Kg
Quantity per set	Set of 2

Environment

Environmental characteristic	Harsh environment
IP degree of protection	IP2X conforming to IEC 60529
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for storage	-25…70 °C
Ambient air temperature for operation	-25…70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.700 Cm
Package 1 Width	4.800 Cm
Package 1 Length	5.300 Cm
Package 1 Weight	64.000 G
Unit Type of Package 2	S02
Number of Units in Package 2	80
Package 2 Height	15.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	5.466 Kg

Offer Sustainability

Recyclability potential, in %	39
Total lifecycle Carbon footprint	4 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.3417697496472613
Carbon footprint of the manufacturing phase [A1 to A3]	0.3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.05552661309576669
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.006938776277465732
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	3.1606
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]	0.12651077858685408
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
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
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