Product data sheet
Characteristics

LA1DZ40
Auxiliary contact block, TeSys Deca, 2NO(sealed)+2NO, front mounting, screw clamp terminals



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 NO (sealed) + 2 NO
Auxiliary contacts operation	Instantaneous
[Ue] rated operational voltage	125 V AC for protected contact 30 V DC for protected contact 690 V AC for non-protected contact
[Ie] rated operational current	0.1 A for protected contact
[Ui] rated insulation voltage	250 V - for protected contact conforming to IEC 60947-5-1 690 V - for non-protected contact conforming to IEC 60947-5-1 600 V - for non-protected contact conforming to UL 60947-5-1 600 V - for non-protected contact conforming to CSA C22.2 No 60947-5-1
[Ith] conventional free air thermal current	10 A (at 40 °C) for non-protected contact
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

Protection type	GG fuse 10 A for non-protected contact
Mechanical durability	5 Mcycles
Minimum switching current	1 MA for protected contact 5 MA for non-protected contact
Minimum switching voltage	5 V for protected contact 17 V for non-protected contact
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	0.05 Kg

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	5.100 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	5.465 Kg

Offer Sustainability

Recyclability potential, in %	39
Total lifecycle Carbon footprint	4 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.41771858290220826
Carbon footprint of the manufacturing phase [A1 to A3]	0.4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.06786586045038151
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.008480726561347006
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]	0.15462428493948835
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 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