

# XALD213

control station XAL-D - Start or Stop function -  
1 NO + 1 NC



## Main

Range of product	Harmony XALD
Product or component type	Complete control station
Device short name	XALD
Product destination	For XB5 Ø 22 mm control and signalling units
Control station application	Start-Stop function
Colour of cover	Dark grey RAL 7016
Material	Polycarbonate
Control station composition	1 flush pushbutton spring return green 1 NO I 1 flush pushbutton spring return red 1 NC O
Marking location	Marking on pushbutton

## Complementary

Colour of base of enclosure	Light grey RAL 7035
Cable entry	2 knock-outs for Pg 13 cable gland and ISO M20 ≤ 12 mm 2 knock-outs for cable entry ≤ 14 mm
Product weight	0,233 kg
Resistance to high pressure washer	7000000 Pa 55 °C 0.1 m
Positive opening	With EN/IEC 60947-5-1 appendix K
Operating travel	1,5 mm NC changing electrical state 2,6 mm NO changing electrical state 4,3 mm total travel
Operating force	3,5 N NC changing electrical state 3,8 N NO changing electrical state
Mechanical durability	5000000 cycles
Connections - terminals	Screw clamp terminals ≥ 1 x 0.22 mm <sup>2</sup> without cable end EN/IEC 60947-1 Screw clamp terminals ≤ 2 x 1.5 mm <sup>2</sup> with cable end EN/IEC 60947-1
Tightening torque	0,8...1,2 N.m EN/IEC 60947-1
Shape of screw head	Cross pozidriv No 1 Cross Philips no 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
Contacts material	Silver alloy (Ag/Ni)
Short circuit protection	10 A cartridge fuse gG EN/IEC 60947-5-1
[I <sub>th</sub> ] conventional free air thermal current	10 A EN/IEC 60947-5-1
[U <sub>i</sub> ] rated insulation voltage	600 V 3 EN/IEC 60947-1
[U <sub>imp</sub> ] rated impulse withstand voltage	6 kV EN/IEC 60947-1
[I <sub>e</sub> ] rated operational current	0,1 A 600 V DC-13 Q600 EN/IEC 60947-5-1 3 A 240 V AC-15 A600 EN/IEC 60947-5-1 6 A 120 V AC-15 A600 EN/IEC 60947-5-1 1,2 A 600 V AC-15 A600 EN/IEC 60947-5-1 0,27 A 250 V DC-13 Q600 EN/IEC 60947-5-1 0,55 A 125 V DC-13 Q600 EN/IEC 60947-5-1
Electrical durability	1000000 cycles AC-15 4 A 24 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 3 A 120 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 2 A 230 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13 0,5 A 24 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13 0,2 A 110 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C
Electrical reliability IEC 60947-5-4	Λ < 10exp(-6) 5 V 1 mA EN/IEC 60947-5-4 Λ < 10exp(-8) 17 V 5 mA EN/IEC 60947-5-4

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## Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
Class of protection against electric shock	Class II IEC 60536
IP degree of protection	IP65 IEC 60529
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK03 EN 50102
Standards	CSA C22-2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-5 JIS C 4520 UL 508
Product certifications	CSA UL listed
Vibration resistance	5 gn 12...500 Hz IEC 60068-2-6
Shock resistance	30 gn 18 ms half sine wave acceleration IEC 60068-2-27 50 gn 11 ms half sine wave acceleration IEC 60068-2-27
RoHS EUR conformity date	0730
RoHS EUR status	Compliant