Product data sheet
Characteristics

XALD321H29H7
dark grey station - green flush/red flush/green flush pushbuttons Ø22

Product availability : Stock - Normally stocked in distribution facility

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	Three functions
Colour of base of enclosure	Light grey RAL 7035
Colour of cover	Dark grey RAL 7016
Material	Polycarbonate
Operator profile	3 flush push-buttons
Operators description	Green "UP" 1 NO - red "O" 1 NC - green "DOWN" 1 NO
Control station composition	1 flush push-button red 1 NC O marking 1 flush push-button green 1 NO down marking 1 flush push-button green 1 NO UP marking
Marking location	Marking on legend holder
Contact operation	Slow-break

Complementary

Cable entry	2 knock-outs for cable entry, clamping capacity: <= 0.55 in (14 mm) 2 knock-outs for Pg 13 cable gland and ISO M20, clamping capacity: <= 0.47 in (12 mm)
Product weight	0.66 lb(US) (0.299 kg)
Resistance to high pressure washer	1015.26 psi (7000000 Pa) at 131 °F (55 °C), distance: 0.1 m
Positive opening	With conforming to EN/IEC 60947-5-1: appendix K
Operating travel	0.06 in (1.5 mm) (NC changing electrical state) 0.1 in (2.6 mm) (NO changing electrical state) 0.17 in (4.3 mm) (total travel)
Operating force	3.5 N (NC changing electrical state) 3.8 N (NO changing electrical state)
Mechanical durability	10000000 cycles

Connections - terminals	Screw clamp terminals: <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals: >= 1 x 0.22 mm² without cable end conforming to EN/IEC 60947-1
Tightening torque	7.08...10.62 lbf.in (0.8...1.2 N.m) conforming to EN/IEC 60947-1
Shape of screw head	Cross, Philips no 1 Cross, pozidriv No 1 Slotted, flat Ø 4 mm Slotted, flat Ø 5.5 mm
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A by gG cartridge fuse conforming to EN/IEC 60947-5-1
[Ith] conventional free air thermal current	10 A conforming to EN/IEC 60947-5-1
[Ui] rated insulation voltage	600 V (degree of pollution: 3) conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1
[Ie] rated operational current	AC-15, A600: Ue = 120 V Ie = 6 A conforming to EN/IEC 60947-5-1 AC-15, A600: Ue = 240 V Ie = 3 A conforming to EN/IEC 60947-5-1 AC-15, A600: Ue = 600 V Ie = 1.2 A conforming to EN/IEC 60947-5-1 DC-13, Q600: Ue = 125 V Ie = 0.55 A conforming to EN/IEC 60947-5-1 DC-13, Q600: Ue = 250 V Ie = 0.27 A conforming to EN/IEC 60947-5-1 DC-13, Q600: Ue = 600 V Ie = 0.1 A conforming to EN/IEC 60947-5-1
Electrical durability	1000000 cycles AC-15, 2 A at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15, 3 A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15, 4 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13, 0.2 A at 110 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C
Electrical reliability	Λ < 10exp(-6) at 5 V, 1 mA conforming to EN/IEC 60947-5-4 Λ < 10exp(-8) at 17 V, 5 mA conforming to EN/IEC 60947-5-4

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-40...158 °F (-40...70 °C)
Electrical shock protection class	Class II conforming to IEC 60536
IP degree of protection	IP69 IP67 IP66 conforming to IEC 60529 IP69K
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK03 conforming to EN 50102
Standards	CSA C22.2 No 14 UL 508 EN/IEC 60947-5-5 EN/IEC 60947-5-1 JIS C 4520 EN/IEC 60947-5-4 EN/IEC 60947-1
Product certifications	UL listed CSA
Vibration resistance	5 gn (12...500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27

Ordering and shipping details

Category	22475 - WALL STATIONS
Discount Schedule	CS2
GTIN	00785901015925
Nbr. of units in pkg.	1

Package weight(Lbs)	0.67000000000000004
Returnability	Y
Country of origin	FR

Contractual warranty

Warranty period	18 months