XALK178F

yellow station - 1 red mushroom head pushbutton Ø40 turn to release 2NC



Main		
Commercial Status	Commercialised	
Range of product	Harmony XALK	
Product or component type	Complete control station	
Device short name	XALK	
Product destination	For XB5 Ø 22 mm control and signalling units	
Control station application	Emergency stop function Emergency switching off function	
Colour of base of enclosure	Light grey RAL 7035	
Colour of cover	Yellow RAL 1021	
Material	Polycarbonate	
Operator profile	1 mushroom head pushbutton	
Operators description	Red unmarked 2 NC	
Reset	Turn to release	
Control station composition	1 mushroom head Ø 40 mm push-button, red - 2 NC unmarked	
Contacts operation	Slow-break	

Complementary

Cable entry	2 knock-outs for Pg 13 cable gland and ISO M20 <= 12 mm 1 knock-out for cable entry <= 14 mm	
Product weight	0.194 kg	
Resistance to high pressure washer	7000000 Pa at 55 °C, 0.1 m	
Positive opening	With conforming to EN/IEC 60947-5-1 appendix K	
Operating travel	4.3 mm total travel 1.5 mm NC changing electrical state	
Operating force	44 N	
Mechanical durability	300000 cycles	
Connections - terminals	Screw clamp terminals >= 1 x 0.22 mm ² without cable end conforming to EN/IEC 60947-1	
	Screw clamp terminals \leq 2 x 1.5 mm ² with cable end conforming to EN/IEC 60947-1	
Tightening torque	0.81.2 N.m conforming to EN/IEC 60947-1	
Shape of screw head	Slotted flat Ø 5.5 mm Slotted flat Ø 4 mm Cross pozidriv No 1 Cross Philips no 1	
Contacts material	Silver alloy (Ag/Ni)	
Short circuit protection	10 A cartridge fuse, gG 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	
[le] rated operational current	1.2 A at 600 V AC-15, A600 conforming to EN/IEC 60947-5-1 0.55 A at 125 V DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V DC-13, Q600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V DC-13, Q600 conforming to EN/IEC 60947-5-1 6 A at 120 V AC-15, A600 conforming to EN/IEC 60947-5-1 3 A at 240 V AC-15, A600 conforming to EN/IEC 60947-5-1	

Electrical durability	1000000 cycles DC-13 at 0.5 A 24 V at 3600 cyc/h, load factor: 0.5 conforming to
	EN/IEC 60947-5-1 appendix C
	1000000 cycles DC-13 at 0.2 A 110 V at 3600 cyc/h, load factor: 0.5 conforming
	to EN/IEC 60947-5-1 appendix C
	1000000 cycles AC-15 at 4 A 24 V at 3600 cyc/h, load factor: 0.5 conforming to
	EN/IEC 60947-5-1 appendix C
	1000000 cycles AC-15 at 3 A 120 V at 3600 cyc/h, load factor: 0.5 conforming to
	EN/IEC 60947-5-1 appendix C
	1000000 cycles AC-15 at 2 A 230 V at 3600 cyc/h, load factor: 0.5 conforming to
	EN/IEC 60947-5-1 appendix C
Electrical reliability IEC 60947-5-4	Λ < 10exp(-8) at 17 V and 5 mA conforming to EN/IEC 60947-5-4
-	Λ < 10exp(-6) at 5 V and 1 mA conforming to EN/IEC 60947-5-4

Environment

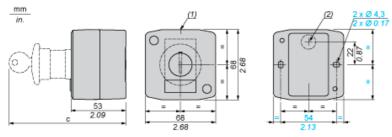
Protective treatment	TH		
Ambient air temperature for storage	-4070 °C		
Ambient air temperature for operation	-2570 °C		
Class of protection against electric shock	Class II conforming to IEC 60536		
IP degree of protection	IP66 conforming to IEC 60529		
NEMA degree of protection	NEMA 4X NEMA 13		
IK degree of protection	IK03 conforming to EN 50102		
Standards	EN/IEC 60204-1 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-5 EN/ISO 13850 IEC 60364-5-53 JIS C 4520 UL 508 CSA C22.2 No 14		
Product certifications	CSA UL listed		
Vibration resistance	5 gn (f = 12500 Hz) conforming to IEC 60068-2-6		
Shock resistance	50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27		



Product data sheet **Dimensions Drawings**

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Dimensions



- 2 knock-outs for Pg 13.5 cable gland, maximum capacity 12 mm/0.47 in. Knock-out for cable entry, maximum capacity 14 mm/0.55 in.

Control station fitted with:	c in mm	c in in.
Flush pushbutton	62	2.44
Pilot light	64	2.52
Illuminated pushbutton	65.5	2.58
Projecting pushbutton	66	2.60
Selector switch	80	3.15
Mushroom head pushbutton	91.5	3.58
Latching mushroom head Emergency stop pushbutton wit h key	115	4.53
Key switch	105.5	4.15