Product data sheet
Characteristics

XALK178FH29
Control station, Harmony XALK, plastic, yellow lid, 1 red mushroom push button 40mm, turn to release, 2NC, marked EMERGENCY STOP



Main

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
Colour of base of enclosure	Light grey (RAL 7035)
Colour of cover	Yellow (RAL 1021)
Material	Polycarbonate
Operator profile	1 mushroom head push-button
Operators description	Red "EMERGENCY STOP" 2 NC
Reset	Turn to release
Control station composition	1 mushroom head Ø 40 mm push-button, red 2 NC EMERGENCY STOP marking
Marking location	Marking on control station
Contact operation	Slow-break

Complementary

AC control voltage 50 HZ	120…600 V
Cable entry	1 knock-out for cable entry 0…14 mm 2 knock-outs for Pg 13 cable gland and ISO M20 0…12 mm
AC control voltage 60 HZ	120…600 V
Net weight	0.194 Kg
DC control voltage	125…600 V
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Number of command positions	1
Number of indicator lights	0
Number of push buttons	0
Positive opening	With conforming to IEC 60947-5-1 appendix K
Operating travel	1.5 Mm (NC changing electrical state) 4.3 Mm (total travel)
Operating force	44 N
Number of selector switches	0
Mechanical durability	300000 Cycles
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end conforming to IEC 60947-1
Number of key switches	0
Tightening torque	0.8…1.2 N.M conforming to IEC 60947-1

Shape of screw head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge fuse type gG conforming to IEC 60947-5-1
[Ith] conventional free air thermal current	10 A conforming to IEC 60947-5-1
Number of mushroom-shaped push-buttons	1
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	6 KV conforming to IEC 60947-1
[Ie] rated operational current	3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to 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 IE 1000000 Cycles, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to I 1000000 Cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IE 1000000 Cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to 1000000 Cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to
Emergency power off	No
Electrical reliability	Λ < 10exp(-6) at 5 V, 1 mA conforming to IEC 60947-5-4 Λ < 10exp(-8) at 17 V, 5 mA conforming to IEC 60947-5-4
Number of contacts as normally closed contact	2
Number of contacts as normally open contact	0
Number of contacts as change-over contact	0
Housing material	Plastic
Housing colour	Yellow
Colour of cover	Yellow

Environment

Protective treatment	TH
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-40…70 °C
Overvoltage category	Class II conforming to IEC 60536
IP degree of protection	IP66 conforming to IEC 60529 IP67 IP69 IP69K
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK03 conforming to IEC 62262
Standards	UL 508 ISO 13850 CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-1 IEC 60204-1 JIS C 4520 IEC 60947-5-4 IEC 60947-5-5
Vibration resistance	5 gn (f= 12…500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
IP degree of protection	IP66/IP67/IP69/IP69K
NEMA degree of protection	NEMA 4X/13

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.0 Cm
Package 1 Width	7.0 Cm
Package 1 Length	7.0 Cm
Package 1 Weight	190.0 G

Offer Sustainability

Total lifecycle Carbon footprint	1 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1.2366448534
Carbon footprint of the manufacturing phase [A1 to A3]	1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0245147921
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0011461132
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.1218928
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	0.1 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]	0.0358772324
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1
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
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised