Product data sheet





red flush pushbutton Ø22 spring return - 1 NC - screw clamp terminals - unmarked

XB7EA42P

Discontinued on: Nov 1, 2020



Main

Range Of Product	Harmony XB7	
Product Or Component Type	Push-button	
Device Short Name	XB7	
Mounting Diamete	22 mm	
Sale Per Indivisible Quantity	10	
Ip Degree Of Protection	IP20 (rear face) conforming to IEC 60529 IP54 (front face) conforming to IEC 60529	
Shape Of Signaling Unit Head	Round	
Type Of Operator	spring return	
Operator Profile	Red flush, unmarked	
Contacts Type And Composition	1 NC	
Connections - Terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals, 1 x 0.342 x 2.5 mm² without cable end conforming to EN/IEC 60947-1	
Device Presentation	Monolithic product	

Complementary

Cad Overall Width	29 mm
Cad Overall Height	29 mm
Cad Overall Depth	52 mm
Terminals Description Iso N°1	(21-22)NC
Net Weight	0.02 kg
Device Mounting	Fixing hole - diameter: 22.5 mm 22.3 +0.4/0 conforming to EN/IEC 60947-1
Fixing Center	>= 30 x 40 mm (support panel) metal - thickness: 16 mm >= 30 x 40 mm (support panel) plastic - thickness: 26 mm
Fixing Mode	Fixing nut beneath head: 22.4 N.m
Contact Operation	Slow-break
Positive Opening	With conforming to EN/IEC 60947-5-1 appendix K
Mechanical Durability	1000000 cycles
Tightening Torque	0.81.2 N.m conforming to EN 60947-1

List Price displayed is VAT EXCLUSIVE.



Shape Of Screw Head	Cross compatible with JIS No 1 screwdriver
	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
Short-Circuit Protection	4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1
[Ui] Rated Insulation Voltage	250 V (pollution degree 3) conforming to EN/IEC 60947-1
[Uimp] Rated Impulse Withstand Voltage	4 kV conforming to EN/IEC 60947-1
[le] Rated Operational Current	0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1
	0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1
	0.3 A at 240 V, AC-14, D300 conforming to EN/IEC 60947-5-1
	0.6 A at 120 V, AC-14, D300 conforming to EN/IEC 60947-5-1
Electrical Durability	1000000 cycles, DC-13, 0.3 A at 24 V, operating rate <216000 cyc/mn, load factor:
	0.5 conforming to EN/IEC 60947-5-1 appendix C
	1000000 cycles, AC-15, 0.03 A at 230 V, operating rate <216000 cyc/mn, load factor:
	0.5 conforming to EN/IEC 60947-5-1 appendix C
	1000000 cycles, AC-15, 0.09 A at 240 V, operating rate <108000 cyc/mn, load factor:
	0.5 conforming to EN/IEC 60947-5-1 appendix C
Electrical Reliability	Λ <= 10exp(-6) at 17 V, 5 mA conforming to EN/IEC 60947-5-4

Environment

Protective Treatment	тн
Ambient Air Temperature For Storage	-4070 °C
Ambient Air Temperature For Operation	-2570 °C
Overvoltage Category	Class II conforming to IEC 60536
Nema Degree Of Protection	NEMA 12
Standards	EN/IEC 60947-5-1
	JIS C8201-5-1
	EN/IEC 60947-1
	CSA C22.2 No 14
	UL 508
	JIS C8201-1
Vibration Resistance	5 gn (f= 2500 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

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information