Product datasheet

Specifications

yellow illuminated pushbutton Ø 22 - spring return - 230 V - 1 NO

XB7EW3541P

Discontinued on: 14 Nov 2014

End-of-service on: 14 Dec 2020

Discontinued

Main

Range Of Product	Harmony XB7
Product Or Component Type	Illuminated push-button
Device Short Name	XB7
Mounting Diameter	22 mm
Sale Per Indivisible Quantity	10
Light Source	Neon
Device Presentation	Monolithic product

Complementary

Height	29 mm
Width	29 mm
Depth	71 mm
Terminals Description Iso N°1	(13-14)NO
Net Weight	0.022 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: 1…6 mm >= 30 x 40 mm (support panel) plastic - thickness: 2…6 mm
Fixing Mode	Fixing nut beneath head: 2…2.4 N.m
Shape Of Signaling Unit Head	Round
Type Of Operator	spring return
Operator Profile	Yellow projecting, unmarked
Contacts Type And Composition	1 NO
Contact Operation	Slow-break
Positive Opening	Without
Mechanical Durability	300000 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...2 x 2.5 mm² without cable end conforming to EN/IEC 60947-1
Tightening Torque	0.8…1.2 N.m conforming to EN 60947-1

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
[Ie] 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 and 5 mA conforming to EN/IEC 60947-5-4
Signalling Type	Steady
Bulb Base	BA 9s
[Us] Rated Supply Voltage	230 V AC
Supply Voltage Limits	195…264 V AC
Service Life	50000 h at rated voltage and 25 °C
Compatibility Code	XB7

Environment

Protective Treatment	TH
Ambient Air Temperature For Storage	-40…70 °C
Ambient Air Temperature For Operation	-25…70 °C
Electrical Shock Protection Class	Class II conforming to IEC 61140
Ip Degree Of Protection	IP20 (rear face) conforming to IEC 60529 IP54 (front face) conforming to IEC 60529
Nema Degree Of Protection	NEMA 12
Standards	CSA C22.2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1 UL 508 JIS C8201-5-1 JIS C8201-1
Vibration Resistance	5 gn (f= 2…500 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
Electromagnetic Emission	Class B conforming to EN 55011

Contractual warranty

Warranty	18 months