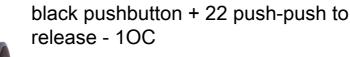
Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications





XB7EH25

! Discontinued on: 1 Dec 2020

① Discontinued

Main

| Range Of Product | Harmony XB7 |
|-------------------------------|--|
| Product Or Component Type | Push-button |
| Device Short Name | XB7 |
| Mounting Diameter | 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 | push and push-to-release |
| Operator Profile | Black flush, unmarked |
| 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 | (13-14-11-12)OF |
| 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 | Without |
| Mechanical Durability | 1000000 cycles |
| Tightening Torque | 0.81.2 N.m conforming to EN 60947-1 |
| 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 | 6 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, 0.1 A at 250 V 1000000 cycles, DC-13, 0.22 A at 125 V 1000000 cycles, AC-14, 0.3 A at 240 V 1000000 cycles, AC-14, 0.6 A at 120 V | |
| Electrical Reliability | Λ <= 10exp(-6) at 17 V, 5 mA | |

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 | JIS C8201-5-1 CSA C22.2 No 14 EN/IEC 60947-5-1 UL 508 EN/IEC 60947-1 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 |