

# XB4BK123G1

green complete illuminated selector switch Ø22  
2-position stay put 1NO 110..120V

Product availability: Non-Stock - Not normally stocked in distribution facility



## Main

|                               |                                                                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Harmony XB4                                                                                                                                                            |
| Product or component type     | Complete illuminated selector switch                                                                                                                                   |
| Device short name             | XB4                                                                                                                                                                    |
| Bezel material                | Chromium plated metal                                                                                                                                                  |
| Fixing collar material        | Zamak                                                                                                                                                                  |
| Head type                     | Standard                                                                                                                                                               |
| Mounting diameter             | 0.87 in (22 mm)                                                                                                                                                        |
| Sale per indivisible quantity | 1                                                                                                                                                                      |
| Shape of signaling unit head  | Round                                                                                                                                                                  |
| Type of operator              | Stay put                                                                                                                                                               |
| Operator profile              | Green standard handle                                                                                                                                                  |
| Operator position information | 2 positions 90°                                                                                                                                                        |
| Contacts type and composition | 1 NO                                                                                                                                                                   |
| Contact operation             | Slow-break                                                                                                                                                             |
| Connections - terminals       | Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end EN/IEC 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> without cable end EN/IEC 60947-1 |
| Light source                  | Protected LED                                                                                                                                                          |
| Bulb base                     | Integral LED                                                                                                                                                           |
| [Us] rated supply voltage     | 110...120 V AC 50/60 Hz                                                                                                                                                |

## Complementary

|                                             |                                                                                           |
|---------------------------------------------|-------------------------------------------------------------------------------------------|
| Height                                      | 1.85 in (47 mm)                                                                           |
| Width                                       | 1.18 in (30 mm)                                                                           |
| Depth                                       | 2.68 in (68 mm)                                                                           |
| Terminals description ISO n°1               | (13-14)NO                                                                                 |
| Net weight                                  | 0.24 lb(US) (0.111 kg)                                                                    |
| Resistance to high pressure washer          | 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m                                             |
| Contacts usage                              | Standard contacts                                                                         |
| Positive opening                            | With EN/IEC 60947-5-1 appendix K                                                          |
| Operating torque                            | 1.24 lbf.in (0.14 N.m) NO changing electrical state                                       |
| Mechanical durability                       | 1000000 cycles                                                                            |
| Tightening torque                           | 7.08...10.62 lbf.in (0.8...1.2 N.m) EN 60947-1                                            |
| Shape of screw head                         | Cross Philips no 1<br>Cross pozidriv No 1<br>Slotted flat Ø 4 mm<br>Slotted flat Ø 5.5 mm |
| Contacts material                           | Silver alloy (Ag/Ni)                                                                      |
| Short-circuit protection                    | 10 A cartridge fuse gG EN/IEC 60947-5-1                                                   |
| [Ith] conventional free air thermal current | 10 A EN/IEC 60947-5-1                                                                     |
| [Ui] rated insulation voltage               | 600 V 3)EN 60947-1                                                                        |
| [Uimp] rated impulse withstand voltage      | 6 kV EN 60947-1                                                                           |

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|                                |                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ie] rated operational current | 3 A 240 V, AC-15, A600 EN/IEC 60947-5-1<br>6 A 120 V, AC-15, A600 EN/IEC 60947-5-1<br>0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1<br>0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1<br>0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1<br>1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1                                                                                                              |
| Electrical durability          | 1000000 Cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C<br>1000000 Cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C |
| Electrical reliability         | $\Lambda < 10\exp(-6)$ 5 V 1 mA in clean environment EN/IEC 60947-5-4<br>$\Lambda < 10\exp(-8)$ 17 V 5 mA in clean environment EN/IEC 60947-5-4                                                                                                                                                                                                                                       |
| Signalling type                | Steady                                                                                                                                                                                                                                                                                                                                                                                |
| Supply voltage limits          | 100...132 V AC                                                                                                                                                                                                                                                                                                                                                                        |
| Current consumption            | 14 mA                                                                                                                                                                                                                                                                                                                                                                                 |
| Service life                   | 100000 h at rated voltage and 25 °C                                                                                                                                                                                                                                                                                                                                                   |
| Surge withstand                | 1 kV IEC 61000-4-5                                                                                                                                                                                                                                                                                                                                                                    |

## Environment

|                                       |                                                                                                                       |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TH                                                                                                                    |
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                                                                            |
| Ambient air temperature for operation | -40...158 °F (-40...70 °C)                                                                                            |
| Electrical shock protection class     | Class I IEC 60536                                                                                                     |
| IP degree of protection               | IP66 IEC 60529<br>IP67<br>IP69<br>IP69K                                                                               |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X                                                                                                    |
| IK degree of protection               | IK06 IEC 50102                                                                                                        |
| Standards                             | JIS C 4520<br>EN/IEC 60947-1<br>UL 508<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-5<br>EN/IEC 60947-5-4<br>CSA C22.2 No 14 |
| Product certifications                | CSA<br>RINA<br>UL<br>LROS (Lloyds register of shipping)<br>DNV<br>GL<br>BV                                            |
| Vibration resistance                  | 5 gn 2...500 Hz)IEC 60068-2-6                                                                                         |
| Shock resistance                      | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27<br>50 gn 11 ms) half sine wave acceleration IEC 60068-2-27    |
| Resistance to fast transients         | 2 kV IEC 61000-4-4                                                                                                    |
| Resistance to electromagnetic fields  | 9.14 V/m (10 V/m) IEC 61000-4-3                                                                                       |
| Resistance to electrostatic discharge | 6 KV on contact (on metal parts) IEC 61000-4-2<br>8 kV in free air (in insulating parts) IEC 61000-4-2                |
| Electromagnetic emission              | Class B IEC 55011                                                                                                     |

## Ordering and shipping details

|                     |                                     |
|---------------------|-------------------------------------|
| Category            | 22468 - PUSHBUTTONS,22MM(METAL) NEW |
| Discount Schedule   | CS2                                 |
| GTIN                | 03606480502330                      |
| Package weight(Lbs) | 0.09 kg (0.2 lb(US))                |
| Returnability       | No                                  |
| Country of origin   | FR                                  |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                              |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                                                                                                                                                                                      |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.                                                                                                                                                                |