

# เอกสารข้อมูลผลิตภัณฑ์

ข้อมูลจำเพาะ



Emergency switching off push button, Harmony XB4, metal, red mushroom 40mm, 22mm, trigger latching turn to release, 1NC

XB4BS8442

## Main

|                               |                                                                                                                                                                                              |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range Of Product              | Harmony XB4                                                                                                                                                                                  |
| Product Or Component Type     | Emergency switching off push-button<br>Emergency stop push-button                                                                                                                            |
| Device Short Name             | XB4                                                                                                                                                                                          |
| Bezel Material                | Chromium plated metal                                                                                                                                                                        |
| Fixing Collar Material        | Zamak                                                                                                                                                                                        |
| Mounting Diameter             | 22.5 mm                                                                                                                                                                                      |
| Sale Per Indivisible Quantity | 1                                                                                                                                                                                            |
| Shape Of Signaling Unit Head  | Round                                                                                                                                                                                        |
| Type Of Operator              | trigger action and mechanical latching                                                                                                                                                       |
| Head Type                     | Standard                                                                                                                                                                                     |
| Reset                         | Turn to release                                                                                                                                                                              |
| Operator Profile              | Red mushroom Ø 40 mm, unmarked                                                                                                                                                               |
| Contact Operation             | Slow-break                                                                                                                                                                                   |
| Connections - Terminals       | Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end conforming to IEC 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> without cable end conforming to IEC 60947-1 |

## Complementary

|                                    |                                                                |
|------------------------------------|----------------------------------------------------------------|
| Height                             | 47 mm                                                          |
| Width                              | 40 mm                                                          |
| Depth                              | 82 mm                                                          |
| Terminals Description Iso N°1      | (21-22)NC                                                      |
| Net Weight                         | 0.118 kg                                                       |
| Resistance To High Pressure Washer | 7000000 Pa at 55 °C, distance : 0.1 m                          |
| Contacts Usage                     | Standard contacts                                              |
| Positive Opening                   | With conforming to IEC 60947-5-1 appendix K                    |
| Operating Travel                   | 1.5 mm (NC changing electrical state)<br>4.3 mm (total travel) |
| Mechanical Durability              | 300000 cycles                                                  |
| Tightening Torque                  | 0.8...1.2 N.m conforming to IEC 60947-1                        |

การส่งสิทธิ์: เอกสารนี้ไม่มีวัตถุประสงค์เพื่อใช้แทน หรือใช้เพื่อกำหนดความเหมาะสม หรือความน่าเชื่อถือของผลิตภัณฑ์เหล่านี้สำหรับการใช้งานเฉพาะทาง

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shape Of Screw Head                         | Cross compatible with Philips no 1 screwdriver<br>Cross compatible with pozidriv No 1 screwdriver<br>Slotted compatible with flat Ø 4 mm screwdriver<br>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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| [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<br>6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1<br>0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1<br>0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1<br>0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1<br>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 IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Electrical Reliability                      | $\Lambda < 10\exp(-6)$ at 5 V and 1 mA in clean environment conforming to IEC 60947-5-4<br>$\Lambda < 10\exp(-8)$ at 17 V and 5 mA in clean environment conforming to IEC 60947-5-4                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Device Presentation                         | Complete product                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

## Environment

|                                       |                                                                                                                                                                           |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective Treatment                  | TH                                                                                                                                                                        |
| Ambient Air Temperature For Storage   | -40...70 °C                                                                                                                                                               |
| Ambient Air Temperature For Operation | -40...70 °C                                                                                                                                                               |
| Electrical Shock Protection Class     | Class I conforming to IEC 60536                                                                                                                                           |
| Ip Degree Of Protection               | IP66 conforming to IEC 60529<br>IP67<br>IP69<br>IP69K                                                                                                                     |
| Nema Degree Of Protection             | NEMA 13<br>NEMA 4X                                                                                                                                                        |
| Ik Degree Of Protection               | IK06 conforming to IEC 50102                                                                                                                                              |
| Standards                             | IEC 60947-5-1<br>UL 508<br>CSA C22.2 No 14<br>ISO 13850<br>IEC 60947-5-5<br>JIS C8201-5-1<br>IEC 60947-1<br>IEC 60947-5-4<br>IEC 60204-1<br>IEC 60364-5-53<br>JIS C8201-1 |
| Product Certifications                | CSA<br>BV<br>UL listed<br>LROS (Lloyds register of shipping)<br>GL<br>DNV                                                                                                 |

|                      |                                                                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vibration Resistance | 5 gn (f= 2...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<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type Of Package 1       | PCE       |
| Number Of Units In Package 1 | 1         |
| Package 1 Height             | 4.500 cm  |
| Package 1 Width              | 5.500 cm  |
| Package 1 Length             | 9.000 cm  |
| Package 1 Weight             | 124.300 g |
| Unit Type Of Package 2       | S03       |
| Number Of Units In Package 2 | 80        |
| Package 2 Height             | 30.000 cm |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 10.369 kg |
| Unit Type Of Package 3       | P06       |
| Number Of Units In Package 3 | 640       |
| Package 3 Height             | 75.000 cm |
| Package 3 Width              | 60.000 cm |
| Package 3 Length             | 80.000 cm |
| Package 3 Weight             | 90.949 kg |

ความยั่งยืน



ฉลาก **Green Premium™** เป็นความมุ่งมั่นของSchneider Electric ในการส่งมอบผลิตภัณฑ์ที่มีประสิทธิภาพด้านสิ่งแวดล้อมที่ดีที่สุด Green Premium ให้คำมั่นว่าจะปฏิบัติตามกฎระเบียบล่าสุด ความโปร่งใสต่อผลกระทบด้านสิ่งแวดล้อม รวมถึงผลิตภัณฑ์หมุนเวียนและ CO<sub>2</sub> ต่ำ

คู่มือการประเมินความยั่งยืนของผลิตภัณฑ์เป็นเอกสารวิจัยที่ช่วยชี้แจงมาตรฐานฉลากสิ่งแวดล้อมทั่วโลกและวิธีการตีความการประเมิน

[เรียนรู้เพิ่มเติมเกี่ยวกับ Green Premium >](#)

[แนวทางในการประเมินความยั่งยืนของผลิตภัณฑ์ >](#)



ความโปร่งใส RoHS/REACH

ประสิทธิภาพด้านสุขภาพ

- ✓

Reach Free Of Svhc
- ✓

Toxic Heavy Metal Free
- ✓

Mercury Free
- ✓

RoHS Exemption Information

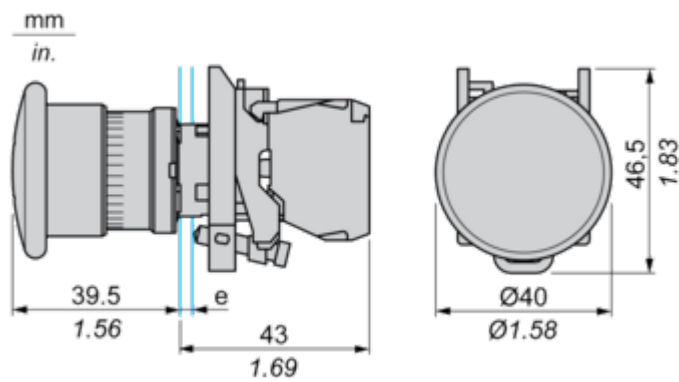
Yes

ใบรับรองและมาตรฐาน

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                                                                                           |
| Eu RoHS Directive        | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>                           |
| China RoHS Regulation    | <a href="#">China RoHS declaration</a>                                                                                      |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                                               |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile      | <a href="#">End of Life Information</a>                                                                                     |

Dimensions Drawings

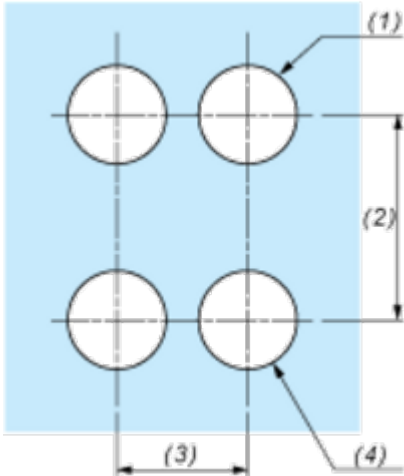
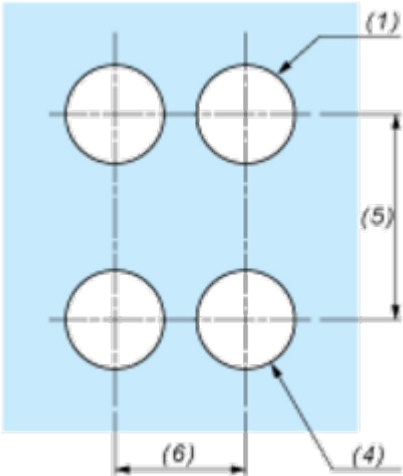
Dimensions



e : clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

| Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board                                                                                                                                                                                                                                       | Connection by Faston Connectors                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                            |  |
| <p>(1) Diameter on finished panel or support</p> <p>(2) 40 mm min. / 1.57 in. min.</p> <p>(3) 30 mm min. / 1.18 in. min.</p> <p>(4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm <math>^{+0.4}_0</math> / 0.88 in. <math>^{+0.016}_0</math>)</p> <p>(5) 45 mm min. / 1.78 in. min.</p> <p>(6) 32 mm min. / 1.26 in. min.</p> |                                                                                    |