

Complete illuminated push button, Harmony XB4 - ATEX D, metal, white flush, 22mm, spring return, booted, 1NO, 24...254V AC/DC

XB4BP183BM5GEX

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

Main

| Range of Product | Harmony XB4 |
|---------------------------------|----------------------------------|
| Product or Component Type | Complete illuminated push-button |
| Device short name | XB4 |
| Bezel material | Chromium plated metal |
| Fixing collar material | Zamak |
| Mounting diameter | 0.9 in (22 mm) |
| Sale per indivisible quantity | 1 |
| Dust zone | Zone 21 - 22 |
| Gas zone | Zone 1 - 2 |
| Type of operator | spring return |
| Operator profile | White flush |
| Operator additional information | Booted (clear silicon) |
| Contacts type and composition | 1 NO |

Complementary

| Width | 1.8 in (46.2 mm) | |
|------------------------------|---|--|
| Height | 1.2 in (30 mm) | |
| Depth | 2.8 in (72 mm) | |
| Net Weight | 0.238 lb(US) (0.108 kg) | |
| Device mounting | Fixing hole 0.9 in (22.5 mm) +/- 0.2 mm IEC 60947-1 | |
| Fixing center | >= 30 x 40 mm support panel) 0.040.2 in (16 mm) | |
| Embedding Depth | 2.3 in (58 mm) | |
| Marking | II 2 GD Ex tb IIIC Db Ex db eb mb IIC Gb | |
| Shape of signaling unit head | Round | |
| Contact operation | Slow-break | |
| Positive opening | Without | |
| Operating travel | 0.065 in (1.657 mm) engagement point) 0.182 in (4.622 mm) changing state point) 0.175 in (4.452 mm) total travel) | |
| Operating force | 3.962 N | |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| Mechanical durability | 5000000 cycles | |
|---|--|--|
| Connections - terminals | Screw clamp terminals, 2 x 1.5 mm² with cable end IEC 60947-1 Screw clamp terminals, 1 x 2.5 mm² without cable end IEC 60947-1 | |
| Tightening torque | 7.0810.6 lbf.in (0.81.2 N.m) IEC 60947-1 | |
| [Ith] conventional free air thermal current | 10 A IEC 60947-5-1 | |
| [Ui] rated insulation voltage | 415 V | |
| [le] rated operational current | 1.9 A 380 V, AC, A600 IEC 60947-5-1 3 A 240 V, AC, A600 IEC 60947-5-1 6 A 120 V, AC, A600 IEC 60947-5-1 0.27 A 250 V, DC, Q300 IEC 60947-5-1 0.55 A 125 V, DC, Q300 IEC 60947-5-1 2.87 A 24 V, DC, Q300 IEC 60947-5-1 | |
| Signalling type | Steady | |
| Light source | Integral LED | |
| [Us] Rated Supply Voltage | 24254 V AC/DC | |
| Current Consumption | 210 mA | |
| Service life | 100000 h | |

Environment

| Protective treatment | тн |
|--|--|
| Ambient Air Temperature for Storage | -40158 °F (-4070 °C) |
| Ambient Air Temperature for Operation | -4167 °F (-2075 °C) |
| Overvoltage category | I conforming to IEC 60536 |
| IP degree of protection | IP66 IEC 60529 |
| Standards | IEC 60079-0:2009 IEC 60079-7:2009 EN/IEC 60079-18:2009 IEC 60079-31:2009 UL 60079-0 UL 60079-18 UL 60079-31 ANSI/ISA 12.12.01 CSA C22.2 No 213 |
| Product Certifications | INERIS 04ATEX9004U |

Ordering and shipping details

| Category | US10CS222465 | |
|-------------------|---------------|--|
| Discount Schedule | 0CS2 | |
| GTIN | 3606489485832 | |
| Returnability | No | |
| Country of origin | FR | |

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------------|------------------|
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.14 in (2.9 cm) |
| Package 1 Width | 1.89 in (4.8 cm) |
| Package 1 Length | 2.95 in (7.5 cm) |

Package 1 Weight

4.3 oz (123.0 g)



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

| ☑ Environmental footprint | |
|--|-------------------------------|
| Carbon footprint (kg CO2 eq, Total Life cycle) | 39 |
| Environmental Disclosure | Product Environmental Profile |

Use Better

| Materials and Substances | |
|--------------------------------------|---|
| Packaging without single use plastic | No |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| REACh Regulation | REACh Declaration |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |

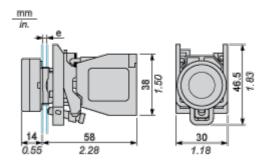
Use Again

| ○ Repack and remanufacture | |
|----------------------------|--|
| Circularity Profile | End of Life Information |
| Take-back | No |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Product data sheet XB4BP183BM5GEX

Dimensions Drawings

Dimensions



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

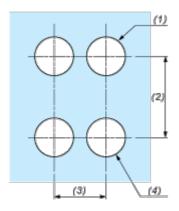
Product data sheet

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Mounting and Clearance

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

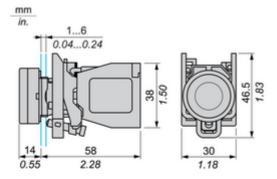
Connection by Screw Clamp Terminals

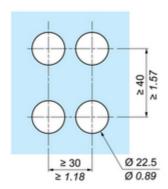


- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_0^{+0.4}$ / 0.88 in. $_0^{+0.016}$)

Technical Illustration

Dimensions





Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB4



Product data sheet XB4BP183BM5GEX

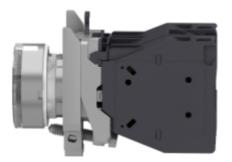
Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative







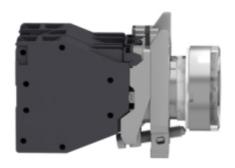


Image of product in real life situation

