

## Product data sheet

### Characteristics

# XB4BW3435

crveno upušteno potpuno svj.tipkalo Ø22  
opružni povrat 1NO+1NC 110...120V



### Main

|                                 |                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product                | Harmony XB4                                                                                                                                                                                      |
| Product or component type       | Illuminated push-button                                                                                                                                                                          |
| Device short name               | XB4                                                                                                                                                                                              |
| Bezel material                  | Chromium plated metal                                                                                                                                                                            |
| Fixing collar material          | Zamak                                                                                                                                                                                            |
| Mounting diameter               | 22 mm                                                                                                                                                                                            |
| Sale per indivisible quantity   | 1                                                                                                                                                                                                |
| Head type                       | Standard                                                                                                                                                                                         |
| Shape of signaling unit head    | Round                                                                                                                                                                                            |
| Type of operator                | Spring return                                                                                                                                                                                    |
| Operator profile                | Red flush                                                                                                                                                                                        |
| Operator additional information | With plain lens                                                                                                                                                                                  |
| Contacts type and composition   | 1 NO + 1 NC                                                                                                                                                                                      |
| Contact operation               | Slow-break                                                                                                                                                                                       |
| Connections - terminals         | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end EN/IEC 60947-1<br>Screw clamp terminals, $1 \times 0.22 \dots 2 \times 2.5 \text{ mm}^2$ without cable end EN/IEC 60947-1 |
| Light source                    | Incandescent                                                                                                                                                                                     |
| Bulb base                       | BA 9s                                                                                                                                                                                            |
| Light block supply              | Via integral transformer 1,2 VA 6 V                                                                                                                                                              |
| [Us] rated supply voltage       | 110...120 V AC 50/60 Hz                                                                                                                                                                          |

### Complementary

|                                    |                                                                                                      |
|------------------------------------|------------------------------------------------------------------------------------------------------|
| Height                             | 47 mm                                                                                                |
| Width                              | 30 mm                                                                                                |
| Depth                              | 101 mm                                                                                               |
| Terminals description ISO n°1      | (13-14)NO<br>(21-22)NC                                                                               |
| Net weight                         | 0,169 kg                                                                                             |
| Resistance to high pressure washer | 7000000 Pa 55 °C 0.1 m                                                                               |
| Contacts usage                     | Standard contacts                                                                                    |
| Positive opening                   | With EN/IEC 60947-5-1 appendix K                                                                     |
| Operating travel                   | 1,5 Mm NC changing electrical state)<br>2,6 Mm NO changing electrical state)<br>4,3 mm total travel) |
| Operating force                    | 3,5 N NC changing electrical state<br>3,8 N                                                          |
| Mechanical durability              | 10000000 cycles                                                                                      |
| Tightening torque                  | 0,8...1,2 N.m EN 60947-1                                                                             |

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|                                             |                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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/IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                                    |
| [Uimp] rated impulse withstand voltage      | 6 kV EN/IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                                       |
| [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/IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 3 A 120 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 4 A 24 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, DC-13, 0,2 A 110 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0,5 A 24 V 3600 cyc/h 0,5 EN/IEC 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                                                                                                                                                                                                                                                                                                                                                                                                    |
| Device presentation                         | Complete product                                                                                                                                                                                                                                                                                                                                                                                          |

## Environment

|                                       |                                                                                                                                         |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TH                                                                                                                                      |
| Ambient air temperature for storage   | -40...70 °C                                                                                                                             |
| Ambient air temperature for operation | -40...55 °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                             | CSA C22.2 No 14<br>JIS C8201-5-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-5<br>EN/IEC 60947-1<br>UL 508<br>JIS C8201-1 |
| Product certifications                | UL listed<br>CSA<br>DNV<br>LROS (Lloyds register of shipping)<br>BV<br>GL<br>RINA                                                       |
| 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                      |

## Offer Sustainability

|                       |                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status održive ponude | Proizvod Green Premium                                                                                                                                                       |
| Uredba REACH          |  Izjava REACH                                                                             |
| REACH, bez SVHC       | Da                                                                                                                                                                           |
| Direktiva EU RoHS     | Proaktivna sukladnost (proizvod izvan zakonskog okvira direktive EU RoHS)  Izjava EU RoHS |
| Bez žive              | Da                                                                                                                                                                           |

|                            |                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Informacije o RoHS izuzeću | <a href="#">Da</a>                                                                                                                                   |
| Propis RoHS za Kinu        | <a href="#">Izjava RoHS Za Kinu</a>                                                                                                                  |
| Izjava o očuvanju okoliša  | <a href="#">Ekološki Profil Proizvoda</a>                                                                                                            |
| Profil cirkularnosti       | <a href="#">Informacije O Kraju Vijeka Trajanja</a>                                                                                                  |
| WEEE                       | Proizvod se na tržištima EU mora odlagati u skladu sa specifičnim propisima o prikupljanju otpada; nikako se ne smije odlagati s komunalnim otpadom. |

## Contractual warranty

|         |           |
|---------|-----------|
| Jamstvo | 18 months |
|---------|-----------|