



Main

Range of product	Harmony XB7
Product or component type	Illuminated push-button
Device short name	XB7
Mounting diameter	22 mm
Sale per indivisible quantity	10
Light source	Incandescent (bulb not included)
Device presentation	Monolithic product

Complementary

Height	29 mm
Width	29 mm
Depth	57.5 mm
Terminals description ISO n°1	(13-14)NO
Product weight	0.022 kg
Device mounting	Fixing hole 22.5 mm 22.3 +0.4/0 EN/IEC 60947-1
Fixing center	>= 30 x 40 mm support panel metal 1...6 mm >= 30 x 40 mm support panel plastic 2...6 mm
Fixing mode	Fixing nut beneath head 2...2.4 N.m
Shape of signaling unit head	Round
Type of operator	Spring return
Operator profile	Projecting blue unmarked
Contacts type and composition	1 NO
Contact operation	Slow-break
Positive opening	Without
Mechanical durability	300000 cycles
Connections - terminals	Screw clamp terminals <= 2 x 1.5 mm ² with cable end EN/IEC 60947-1 Screw clamp terminals 1 x 0.34...2 x 2.5 mm ² without cable end EN/IEC 60947-1
Tightening torque	0.8...1.2 N.m EN 60947-1
Shape of screw head	Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm Cross JIS No 1
Short-circuit protection	4 A cartridge fuse gG EN/IEC 60947-5-1
[Ui] rated insulation voltage	250 V 3 EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV EN/IEC 60947-1
[Ie] rated operational current	0.1 A 250 V DC-13 R300 EN/IEC 60947-5-1 0.22 A 125 V DC-13 R300 EN/IEC 60947-5-1 0.3 A 240 V AC-14 D300 EN/IEC 60947-5-1 0.6 A 120 V AC-14 D300 EN/IEC 60947-5-1
Electrical durability	1000000 cycles DC-13 0.3 A 24 V 216000 cyc/mn 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 0.03 A 230 V 216000 cyc/mn 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 0.09 A 240 V 108000 cyc/mn 0.5 EN/IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda \leq 10\exp(-6)$ 17 V 5 mA EN/IEC 60947-5-4
Signalling type	Steady
Bulb base	BA 9s
[Us] rated supply voltage	230 V AC

Supply voltage limits	195...264 V AC
Compatibility code	XB7

Environment

protective treatment	TH
ambient air temperature for storage	-40...70 °C
ambient air temperature for operation	-25...55 °C
electrical shock protection class	Class II IEC 61140
IP degree of protection	IP20 rear face IEC 60529 IP65 front face IEC 60529
NEMA degree of protection	NEMA 12 UL 50 E NEMA 3 UL 50 E
standards	EN/IEC 60947-1 EN/IEC 60947-5-1 JIS C 4520 UL 508 CSA C22.2 No 14
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 50 gn 11 ms half sine wave acceleration IEC 60068-2-27
electromagnetic emission	Class B EN 55011

Offer Sustainability

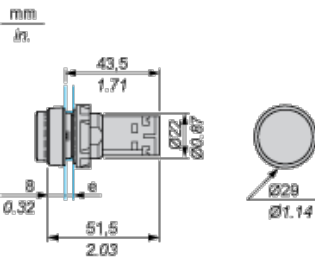
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1145 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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Illuminated Pushbutton

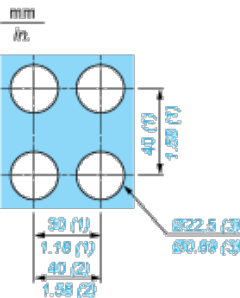
Dimensions



e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

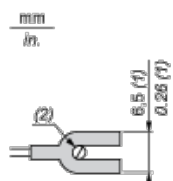
Mounting

Diameter of Finished Fixing Holes



- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

“U” Type Tag Connection



- (1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- (2) M3 screw clamp terminal.

Wiring

