Product data sheet Characteristics

XB5AT845

red Ø40 Emergency stop, switching off Ø22 trigger latching push-pull 1NO+1NC





Main

Man		8
Range of product	Harmony XB5	5
Product or component type	Complete emergency stop push-button Complete emergency switching off push-button	property
Device short name	XB5	
Bezel material	Plastic	
Fixing collar material	Plastic	liabi
Head type	Standard	
Mounting diameter	22 mm	
Sale per indivisible quantity	1	
Shape of signaling unit head	Round	
Type of operator	Trigger action and mechanical latching	
Reset	Push-pull	d for
Operator profile	Red mushroom Ø 40 mm unmarked	95
Contacts type and composition	1 NC 1 NO + 1 NC	t t
Contact operation	Slow-break	
Connections - terminals	Screw clamp terminals : $<= 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN 60947-1 Screw clamp terminals : $>= 1 \times 0.22 \text{ mm}^2$ without cable end conforming to EN 60947-1	fill for a
		Š

Complementary

		· ·
Height	43 mm	9
Width	40 mm	
Depth	82 mm	. <u>.</u>
Terminals description ISO n°1	(11-12)NC (13-14)NO	or characteristics of the characteristics of
Product weight	0.065 kg 0.076 kg	ir A
Resistance to high pressure washer	7000000 Pa at 55 °C,distance: 0.1 m	
Contacts usage	Standard contacts	.;

2.6 mm (NO changing electrical state) 4.3 mm (total travel) Operating force 50 N Mechanical durability 300000 cycles Tightening torque 0.81.2 N.m conforming to EN 60947-1 Shape of screw head Cross head compatible with Philips no 1 screwdriver Cross head compatible with pozidriv No 1 screwdriver Slotted head compatible with flat Ø 4 mm screwdriver Slotted head compatible with flat Ø 4 mm screwdriver Slotted head compatible with flat Ø 5.5 mm screwdriver Slotted head compatible with flat Ø 5.5 mm screwdriver Slotted head compatible with flat Ø 5.5 mm screwdriver Slotted head 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 EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Uinp] rated insulation voltage 600 V (degree of pollution: 3) conforming to EN 60947-1 [Ith] rated insulation voltage 600 V (degree of pollution: 3) conforming to EN/IEC 60947-5-1 Quincy lated insulation voltage 10 A to 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1 Quincy lated insulation voltage 11 A at 600 V, DC-13, A600 conforming to EN/IEC 60947-5-1 Quincy lated insulation voltage 12 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 Quincy lated insulation voltage 13 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1 Quincy lated insulation voltage 14 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 Quincy lated insulation voltage 15 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 Quincy lated insulation voltage 16 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 Quincy lated insulation voltage 16 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 Quincy lated insulation voltage 16 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 Quincy lated insulation voltage 17 A at 120 V, Q0-13, Q0-14 at 110 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C Quincy lated insulation voltage 17 A conforming to	Positive opening	With positive opening conforming to EN/IEC 60947-5-1 appendix K	
Mechanical durability 300000 cycles Tightening torque 0.81.2 N.m conforming to EN 60947-1 Shape of screw head Cross head compatible with Philips no 1 screwdriver Cross head compatible with politips no 1 screwdriver Slotted head compatible with flat Ø 4 mm screwdriver Slotted head compatible with flat Ø 5.5 mm screwdriver Slotted head 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 EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Uir] rated insulation voltage 600 V (degree of pollution: 3) conforming to EN 60947-1 [Ith] care insulation voltage 600 V (degree of pollution: 3) conforming to EN/IEC 60947-5-1 6 kV conforming to EN 60947-1 [Ith] rated operational current 3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A3 A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming t	Operating travel	2.6 mm (NO changing electrical state)	
Tightening torque 0.81.2 N.m conforming to EN 60947-1 Shape of screw head Cross head compatible with Philips no 1 screwdriver Cross head compatible with Philips no 1 screwdriver Slotted head compatible with pozidriv No 1 screwdriver Slotted head 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 EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Uinp] rated insulation voltage 600 V (degree of pollution: 3) conforming to EN 60947-1 [Ith] rated insulation voltage 600 V (degree of pollution: 3) conforming to EN/IEC 60947-5-1 [Ith] rated operational current 3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix	Operating force	50 N	
Shape of screw head Cross head compatible with Philips no 1 screwdriver Cross head compatible with pozidriv No 1 screwdriver Slotted head compatible with flat Ø 4 mm screwdriver Slotted head 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 EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Uii] rated insulation voltage 600 V (degree of pollution: 3) conforming to EN 60947-1 [Uimp] rated impulse withstand voltage 6 kV conforming to EN 60947-1 [1e] rated operational current 3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 124 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1	Mechanical durability	300000 cycles	
Cross head compatible with pozidriv No 1 screwdriver Slotted head compatible with flat Ø 4 mm screwdriver Slotted head 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 EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Uij rated insulation voltage 600 V (degree of pollution: 3) conforming to EN 60947-1 [Uimp] rated impulse withstand voltage 6 kV conforming to EN 60947-1 [Ie] rated operational current 3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V, DC-13, G600 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, G600 conforming to EN/IEC 60947-5-1 0.55 A at 125 V, DC-13, G600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, AC-15, A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, A At 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, A At 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, A At 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, A At 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, A At 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, A At 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, A At 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, A At 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to E	Tightening torque	0.81.2 N.m conforming to EN 60947-1	
Short-circuit protection 10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 [[th] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [[Ui] rated insulation voltage 600 V (degree of pollution: 3) conforming to EN 60947-1 [[Uimp] rated impulse withstand voltage 6 kV conforming to EN 60947-1 [[Ie] rated operational current 3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1	Shape of screw head	Cross head compatible with pozidriv No 1 screwdriver Slotted head compatible with flat Ø 4 mm screwdriver	
[Ith] conventional free air thermal current [Ui] rated insulation voltage 600 V (degree of pollution: 3) conforming to EN 60947-1 [Uimp] rated impulse withstand voltage 6 kV conforming to EN 60947-1 [Ie] rated operational current 3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.25 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 2 A at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C Electrical reliability A < 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-4 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4	Contacts material	Silver alloy (Ag/Ni)	
[Ui] rated insulation voltage 600 V (degree of pollution: 3) conforming to EN 60947-1	Short-circuit protection	10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1	
[Uimp] rated impulse withstand voltage 6 kV conforming to EN 60947-1 3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/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 EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-4 A < 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-4 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4	[Ith] conventional free air thermal current	10 A conforming to EN/IEC 60947-5-1	
[le] rated operational current 3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/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 EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C Electrical reliability A < 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-4 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4	[Ui] rated insulation voltage	600 V (degree of pollution: 3) conforming to EN 60947-1	
6 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V, AC-15, 2 A at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-4 A < 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-4	[Uimp] rated impulse withstand voltage	6 kV conforming to EN 60947-1	
IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/ IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/ IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/ IEC 60947-5-1 appendix C Electrical reliability Λ < 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-4 Λ < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4	[le] rated operational current	6 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1	
Λ < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4	Electrical durability	IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/ IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/ IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/	
Compatibility code XB5	Electrical reliability		
	Compatibility code	XB5	

Environment

Protective treatment	TH
Ambient air temperature for storage	-4070 °C
Ambient air temperature for operation	-4070 °C
Overvoltage category	Class II conforming to IEC 60536
IP degree of protection	IP69 IP67 IP66 conforming to IEC 60529 IP69K
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK03 conforming to IEC 50102
Standards	EN/IEC 60204-1 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-5 EN/ISO 13850 IEC 60364-5-53 JIS C 4520 UL 508 CSA C22.2 No 14
Product certifications	BV CSA DNV GL LROS (Lloyds register of shipping)

	RINA UL listed	
Vibration resistance	5 gn 2500 Hz IEC 60068-2-6	
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27	
Offer Sustainability		
Sustainable offer status	Green Premium product	
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity	
	Schneider Electric declaration of conformity	
REACh	Reference not containing SVHC above the threshold	
	Reference not containing SVHC above the threshold	
Product environmental profile	Available	
	Product environmental	
Product end of life instructions	Need no specific recycling operations	

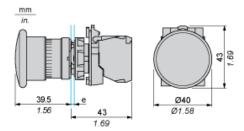
Contractual warranty

Outradian Warranty	
Warranty period	18 months

Product data sheet XB5AT845

Dimensions Drawings

Dimensions

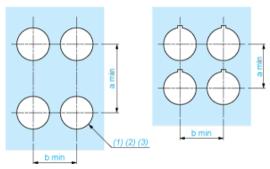


e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

XB5AT845

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

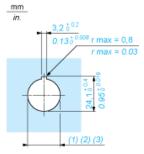
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (1) Diameter on finished panel or support
- For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended. \varnothing 22.5 mm recommended (\varnothing 22.3 $_0$ ^{+0.4}) / \varnothing 0.89 in. recommended (\varnothing 0.88 in. $_0$ ^{+0.016})
- (2) (3)

Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	30	1.18
By Faston connectors	45	1.77	32	1.26
On printed circuit board	30	1.18	30	1.18

Detail of Lug Recess



- Diameter on finished panel or support
- For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended. \emptyset 22.5 mm recommended (\emptyset 22.3 $_0$ ^{+0.4}) / \emptyset 0.89 in. recommended (\emptyset 0.88 in. $_0$ ^{+0.016})
- (2) (3)