

## ELECTRONIC DEADBOLT COMPARISON

Feature		Sunnect® AP501® Advanced Protection	Schlage® BE365	Kwikset® SmartCode™
<b>Convenience</b>	Automatic locking?	YES (Closing the door locks the door. Never locks while door is open. Optionally switched off.)	NO (No auto lock feature)	YES (Always locks 30 seconds after unlocking even if door is open. Optionally switched off.)
	Manual locking (Inside)	Press a button	Turn the thumbturn	Turn the thumbturn
	Manual locking (Outside)	Raise the keypad cover up and down	Press a button and turn the knob	Press a button
	Temporary (emergency) power terminal in case of a complete battery drain?	YES (Attach a 9V battery to the temporary power terminal and use a passcode or a tag key to gain access in case of a complete battery drain.)	NO (Must have a conventional key)	NO (Must have a conventional key)
<b>Keypad</b>	Keyless entry using a numeric keypad?	YES	YES	YES
	Keypad illumination?	YES	YES	YES
	Keypad numerals printed on the back to minimize wear and tear and avoid detection of frequently-used keys?	YES	NO	NO
	Number of buttons on numeric keypad	12	11	6 (2 Digits per button)
	Numeric keypad protected by a keypad cover?	YES	NO (Numeric keypad is fully exposed)	NO (Numeric keypad is fully exposed)
<b>Passcode</b>	Digits in passcode	3 to 20 digits	4 digits	4 to 8 digits
	Maximum number of passcodes supported	1 user code and 1 master code (Easy and secure to change whenever necessary without cumbersome procedures to identify different codes)	19 user codes	2 user codes
	Decoy digits to confuse onlookers?	YES (Enter random decoy digits before entering the real passcode.)	NO	NO
	Temporary lock-down against multiple code attempts?	YES (1 minute after 3 failed attempts)	YES (30 seconds after 4 attempts)	NO

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Passcode	Can change passcodes without having to remember a programming code?	YES	NO	YES
	Passcodes retained when batteries are replaced?	YES (Passcodes are retained for up to 10 years even without any battery power)	YES (Retention period unknown)	NO (Passcodes must be reset when batteries are replaced)
	Resilient passcode?	YES (The master passcode cannot be reset, changed or deleted without the current passcode. It is active for up to 10 years even without any battery power.)	NO (All passcodes can be reset to factory settings.)	(Unknown)*
Keys	One-touch digital key?	YES (Digital key requires no battery.)	NO (Conventional key)	NO (Conventional key)
	Maximum number of keys supported	20 user keys and 1 master key. Every key is unique and non-duplicable and only those keys registered to the lock can unlock it.	Unlimited number of identical, easily-copied, conventional keys	Unlimited number of identical, easily-copied, conventional keys
	Can multiple locks be keyed alike?	YES	YES	YES
	Deletion of missing or stolen keys to protect against unauthorized use?	YES (Just re-register remaining keys and the missing key is automatically deleted or can delete all keys at once.)	NO	NO
	Non-duplicable keys to protect against unauthorized duplication and possession?	YES (Every key Sunnect manufactures is unique, 4 billion to 1.)	NO	NO
Security	Pickproof?	YES (Completely protected from lock-picking)	NO	NO
	Bump-key proof?	YES	NO	NO (Bump-key "resistant")
	Intruder alarm?	YES (Audio and visual alarm in case of a break-in)	NO	NO
	Master function with master passcode and master key?	YES (Master passcode cannot be changed without the current master passcode, ideal for rental properties where tenants can change their user code while owner can gain access with master passcode.)	NO	NO
Throwbolt	One-inch throwbolt?	YES	YES	YES
	Roll-pin in the throwbolt to resist sawing attempts?	YES	NO	NO

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<b>Throwbolt</b>	Throwbolt made of solid metal?	YES	NO (Hollow tube)	NO (Hollow tube)
<b>Physical Structure</b>	Bullet-tested?	YES (Deadbolt latch remains secured. Watch the bullet test video.)	(Unknown)*	(Unknown)*
	Deadbolt latch plate and latch tube made as one piece for maximum protection?	YES	NO	YES, Partially
	Extra reinforcements inside the latch tube against side impact?	YES (Special reinforcement plates.)	NO	NO
	Lock bodies made of metal?	YES	YES	NO (Interior body is made of plastic)
	Protected from moisture?	YES (Water-resistant construction and silicone-coated circuitry, plus weep holes to let moisture from internal condensation flow out. Weep holes are blocked at an angle by the mounting plate to prevent abuse.)	(Unknown)*	(Unknown)*
	Protection against high-voltage electrical shock attacks?	YES (Bypass circuitry protects the circuit board and will not release the throwbolt.)	(Unknown)*	(Unknown)*
	Rubber backing to protect the door and to seal against moisture?	YES (Premium-quality rubber backing)	NO (Metal parts fastened against the door)	NO (Metal parts fastened against the door)
	Operating temperature range supported	-35°F to 135°F (Exterior) -5°F to 135°F (Interior)	(Unknown)*	(Unknown)*
	True PVD (physical vapor deposition) coating with titanium for the bright brass finish?	YES (Brass is very susceptible to corrosion, so it is coated with titanium to prevent corrosion, tarnish, or flaking.)	(Unknown)*	(Unknown)*
	Vital parts (motor, spindle, drive mechanism, etc.) on the secure side of the door to protect against vandalism?	YES (Protects the vital parts from physical abuse.)	NO	YES
Optical sensors used?	YES (Reduces moving parts. Sensors powered only when needed, conserving battery power.)	NO	NO	

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<b>Product Quality</b>	Manufacturing facilities ISO 9001 (Quality Management) and ISO 14001 (Environmental Management Systems) certified?	YES	(Unknown)*	(Unknown)*
	ANSI/BHMA Grade 2 certified?	YES	YES	(Unknown)*
	FCC Part 15 certified?	YES	(Unknown)*	(Unknown)*
	Motor cycle-tested?	YES (10 million cycles for the motor.)	YES (1 million cycles for the motor.)	(Unknown)*
	Entire door lock cycle-tested?	YES (300,000 cycles for the entire door lock, equivalent to 82 years of use if door is opened 10 times a day)	(Unknown)*	(Unknown)*
<b>Miscellaneous</b>	Audio volume control for keypad and alarms?	YES (3 volume settings plus Mute)	YES (Audio On/Off only)	YES (Audio On/Off only)
	Batteries included?	YES (4 AA batteries)	YES (9 V)	NO (Requires 4 AA batteries)
	Low-battery indicators?	YES (Audio and visual indicators each time door is opened)	YES (Audio and visual indicators)	YES (Audio and visual indicators)
<b>Installation</b>	Standard Installation?	YES (Guaranteed to fit standard American doors.)	YES (Guaranteed to fit standard American doors.)	YES (Guaranteed to fit standard American doors.)
	Door thickness range supported	1-3/8" to 2-1/4"	1-3/8" to 1-3/4"	1-3/8" to 2"
<b>Warranty</b>	Warranty period for electronics	2 years	1 year	(Unknown)*
	Warranty replacement unit sent without first requiring the return of the old unit?	YES (Sunnect sends you a warranty replacement lock first so that you don't have to be without a door lock while waiting for repair. See details in the Warranty Statement.)	NO (Must return the old unit first)	(Unknown)*

\* Information unavailable as of January 1, 2010. Contact the manufacturer for the latest updates and additional information.

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