

The motorised automatic locking system enables the massive hooks to automatically grip the keep rail when the door is pulled shut – automatic security! But AV2-E offers even more convenience.

The locked door can be easily opened via remote control or intercom system. The hooks and latch can be retracted at the push of a button, granting immediate entry through the closed door. This is not only convenient, but elegant as well.

The motorised components can also be retrofitted into an existing Winkhaus autoLock AV2 automatic locking system.

An additional revolving door drive is also available as an option. The AV2-E motorised automatic locking system has also been tested and awarded the classification "VdS class A" (with main deadbolt).

The Palladio™ XL Range

A range of handles that combine security, style, functionality & comfort.

Functionality and Comfort

The levers on the Palladio™ XL handle set have been especially designed for ease of use with increased leverage for the elderly and disabled. The Palladio™ XL levers are up to 20% longer than conventional handle levers, which not only enhance the appearance of the doors but also offer real operational benefits in helping to reduce the operating forces of today's modern, High Security Multi-Point Locking Systems. Smooth lines and flat surface contact, with the palm of the hand, help provide a level of comfort that can aid operation by people with limited dexterity.

An optional outside pull with an "egg" shaped pad fits very comfortably into the palm of the hand for easier lock operation.

Winkhaus' Palladio™ XL range includes a snib version. By engaging this function the occupier can leave the house and prevent the door from slamming shut and locking behind

them. Extensively specified by Local Authorities and Housing Associations, where high security locking is necessary for tenant's peace of mind, and where ease of use is of equal importance.

Style and Colour

The sophisticated Palladio™ XL handle set has been finely designed and beautifully crafted using cast aluminium. This strong, corrosion resistant material provides the base for a range of colour and surface finishes so popular in today's Entrance Door market.

Available as standard in Pearlescent Gold anodised F3, Subtle Silver F1, Satin Chrome F9, Pure Black or White. The 35mm wide backplate perfectly compliments the new ergonomic lever design giving the handle a stylish contemporary modern feel and appearance.



HARDWARE

AV2 ELECTRIC LOCK

EMPLAS
The window and door fabricator of choice

Security

Special attention has been paid to the strength and security of the Palladio™ XL handle to comply with the latest security standards for doorsets.

The backplate material thickness is up to 20% greater than on standard aluminium handles and, together with three M5 fixing screw positions, ensures that the handle offers high protection against vandalism or intruder attack.

Three heavy duty 10mm diameter screw bosses ensure that the handle is held rigidly in place. This minimises undue backplate movement and reduces abusive load forces on the lock mechanism.

Application

Designed specifically for Police Approved Multi-Point Locking Systems, Palladio™ XL handles can be fitted to doors of all framing materials such as Aluminium, Timber, Composite and PVCu.

For retrofit applications to existing doors the handles can be easily fitted into the fixing positions of standard 2 hole fix 92PZ handle sets (with an additional top hole being drilled for the third screw position).

Accredited

The Palladio™ XL handle both with and without the snib function has received the prestigious Owl Mark™ Accreditation. This is a product endorsement given by the University of Birmingham to show that a product has been evaluated by the centre for Applied Gerontology and found to be suitable for use by older people in general.



Snib Handle

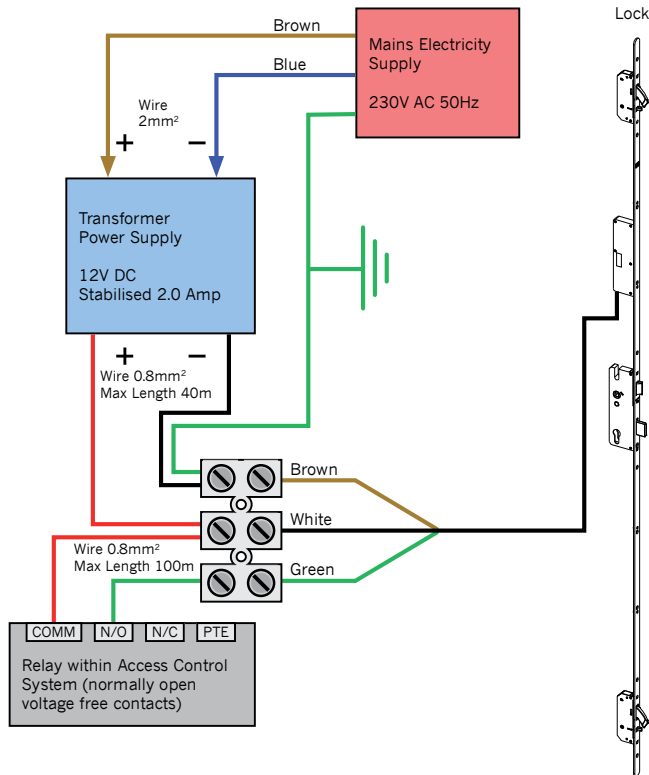
BlueMatic AV2-E - Wiring Options



HARDWARE

AV2 ELECTRIC LOCK

AV2-E Entrance Door Lock Wiring diagram for Access Control



AV2-E Entrance Door Lock Wiring diagram for Push Switch

