

Trim & Entry Functions

For Exit Only Models:

There shall be no exterior trim or release of the lock.

For Entry Models With Cylinder & Pull Handle (industrial applications):

Exterior trim shall be a stainless steel plate with a hardened steel cylinder protector and "breakaway" pull handle. The pull handle shall be affixed to the trim plate via a preening method without the use of screws or other fasteners. In the event of undue force or vandalism, the pull handle is to separate from the trim.

For Entry Models With Cylinder & Lever Handle:

Exterior unlocking shall be by a key and depression of the lever handle. Rotation of the key shall momentarily release the lever handle, allowing it to be depressed and retract the latch. The exterior shall always be in a "Fail Secure" mode: key is always required for entry.

The exterior lever handle shall be fabricated of cast stainless steel and contain a slip-clutch apparatus which will lower or rise without retracting the latch if depressed without insertion of the key or electric release. The exterior lever handle unit shall also contain the ability to replace the cylinder without removing the interior or exterior trim plates. Access to remove the cylinder shall be via allen screw through the interior thru-bolt plate. The cylinder shall be protected within a hardened steel cylinder protector. A black powder coating shall be affixed by an electrostatic process to the exterior lever handle unit.

Lockset trim shall be thru-bolted with four bolts and one-way threaded caps. Power required for the exterior trim is 24vAC, 30va (or 24vDC if so specified). A Handle Stop is to be affixed to the bottom of the exterior lever handle unit and shall protrude outward so as to prevent handle rotation over 180 degrees.

For Entry Models With Cylinder, Lever Handle & Electric Release:

Exterior unlocking shall be either by a key and depression of the lever handle or through an interface with the intercom or card access system, which shall send an impulse to momentarily release the lever handle, allowing it to be depressed and retract the latch. The exterior shall always be in a "Fail Secure" mode: key is always required for entry. Security is maintained in the event of a power failure.

The exterior lever handle shall be fabricated of cast stainless steel and contain a slip-clutch apparatus which will lower or rise without retracting the latch if depressed without insertion of the key or electric release. The exterior lever handle unit shall also contain the ability to replace the cylinder without removing the interior or exterior trim plates. Access to remove the cylinder shall be via allen screw through the interior thru-bolt plate. The cylinder shall be protected within a hardened steel cylinder protector.

Lockset trim shall be thru-bolted with four bolts and one-way threaded caps. Power required for the exterior trim is 24vAC, 30va (or 24vDC if so specified). A Handle Stop is to be affixed to the bottom of the exterior lever handle unit and shall protrude outward so as to prevent handle rotation over 180 degrees.

For Entry Models With Cylinder & Pushbutton Release (CENTURION):

Exterior shall be a lever handle unit, capable of being released by key or SIMPLEX 3000 series push-button lock, which shall be attached to the lever handle unit. Exterior unlocking shall be either by a key and depression of the lever handle or through SIMPLEX 3000 series push-button lock, which shall be attached to the lever handle unit. Rotation of the key or turning the thumbturn of the Simplex unit after entering the proper numeric code shall momentarily release the lever handle, allowing it to be depressed and retract the latch. The exterior shall always be in a "Fail Secure" mode: key is always required for entry. Security is maintained in the event of a power failure.

The exterior lever handle shall be fabricated of cast stainless steel and contain a slip-clutch apparatus which will lower or rise without retracting the latch if depressed without insertion of the key or electric release. The exterior lever handle unit shall also contain the ability to replace the cylinder without removing the interior or exterior trim plates. Access to remove the cylinder shall be via allen screw through the interior thru-bolt plate. The cylinder shall be protected within a hardened steel cylinder protector.

Lockset trim shall be thru-bolted with four bolts and one-way threaded caps. A Handle Stop is to be affixed to the bottom of the exterior lever handle unit and shall protrude outward so as to prevent handle rotation over 180 degrees.