



Electrified Options

Electric Trim

The electrified 600 Series heavy-duty trim provides electric locking and unlocking of trim. Ideal for door control where increased security is necessary at all times, while meeting life safety codes. Electric trim is ideal for many applications, including stairwell towers, high-security areas, schools, hospitals, and factories.

Functions

690F Trim - Fail Safe

- Lever is locked when power is on (Free-Wheeling)
- Power off allows entry from trim
- Inside device is always active for egress
- Mechanical key override (09 Function – Key allows lever to retract latchbolt. Key can only be removed in locked position)

691F Trim - Fail Secure

- Lever is locked when power is off (Free-Wheeling)
- Power on allows lever activation for entry
- Inside device is always active for egress
- Mechanical key override (09 Function – Key allows lever to retract latchbolt. Key can only be removed in locked position.)

Features

- Accepts all standard and Reflections® decorative lever designs
- Plug connector with 4' wire lead (Exit device is used as wire raceway, not door)
- Key Override – Requires rim cylinder (sold separately)



Applications

- 6100ED(F) Rim Device
- 6150ED(F) SquareBolt®
- 6170ED(F) Surface Vertical Rod

Electrical Specifications

- 330 mA @ 24 Volts
SM – Security Monitor Switch
- 4 AMP @ 250VAC
Voltage: 24 VAC/MDC only
BPS Series power supplies recommended.

Options

- SM - Security Monitor. A SPDT switch that monitors the position of the solenoid (lock and unlock status).
- EX - Trim gasket for exterior applications.

Electrified System Guide

For use with:

- 691F Electrified Trim – Yale®
- 6100ED Rim Exit Device – Yale®
- Digital Keypad by Securitron®
- QC8 Power Transfer Hinge by McKinney®
- BPS Power Supply

Operation

Operation of the Digital Keypad will allow keyless entry from the non-protected side of the opening. When a valid code is entered into the keypad, voltage will be applied to the trim, making the lever active and allowing ingress. Free exit is allowed by using the exit device from the protected side of the door.

