

Schindler Escalator Energy Efficiency Manager

Reduced consumption. Increased savings.



The Schindler Escalator Energy Efficiency Manager is a self contained, solid state motor controller designed to optimize the efficiency of 3-phase electric motors operating at a constant speed and under variable loads. Based on the E-Save Technology® energy savings platform, the Energy Efficiency Manager typically reduces energy consumption by up to 20 – 40% on appropriate applications.

Features and benefits

- Reduces energy consumption up to 20 – 40%
- Proven performance
- Environmentally friendly
- Reliable solid state controller
- Electronic overload protection
- Soft start functionality
- Extends motor life
- Decreases stress on mechanical systems
- May qualify for utility and government rebates where applicable.

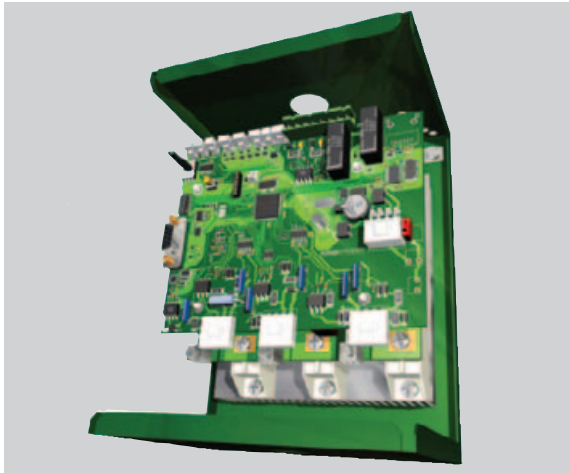
This chart shows a 2.3 kW or 37% savings achieved on a 40HP down escalator using E-Save Technology. Savings over one year was 0.08Kwh or \$1,775.11. The study, prepared by Paragon Consulting Services, was conducted by Nevada Power at Caesars Palace, Las Vegas.



- KT Kits
- AC Accessories
- CW Counterweights
- SA Safeties
- FI Fixtures
- CA Cars
- DO Doors
- MM Mechanical material
- CO Controls
- DR Drives

Schindler Escalator Energy Efficiency Manager

Advanced electronic control for improved savings



Schindler Escalator Energy Efficiency Manager works on constant speed/variable load applications. It can be retrofitted onto existing equipment.

How Energy Efficiency Manager works

Energy Efficiency Manager provides precisely the right amount of power to meet the demands of escalator passenger loads. During lower passenger traffic conditions, electronic sensors automatically phase back the power supplied to the motor, without affecting escalator speed. Any AC motor that operates at a constant speed and is at times lightly loaded can benefit from energy savings with Energy Efficiency Manager. Facilities in which high energy savings can be found include airports and transit systems, commercial/office buildings, shopping malls, hotels, hospitals, universities and government buildings.

Schindler — from start to finish

Schindler will handle all aspects of installing Energy Efficiency Manager on your escalators including labor, material and supervision. We will determine the existing motor voltage, motor size and full load current to size the Energy Efficiency Manager to meet your system specifications. We will mount the motor efficiency controller and wire it to the Energy Efficiency Manager and back to the controller and perform the necessary setup procedures for optimum performance.

Green matters

Schindler incorporates sustainable green features into our escalator systems and offers energy saving modernization upgrades. Improving the environmental impact of our products and processes, particularly our own consumption of energy and materials, is fundamental to our corporate responsibility and reinforces our position as an industry leader. Schindler maintains a continuing commitment to improving mobility while preserving resources and minimizing energy consumption.