

ELS series

The Best Combination of Performance & Reliability

Manufactured with Crydom's proven technology and latest generation mechanical design featuring:

Back-to-back SCR for higher reliability

Ratings up to 50 Amps @ 48-530 VAC

Housing with anti-rotation barriers

Direct output "lead frame" termination

DBC technology for maximum thermal performance

Snubber option for harsh environments

Stress & epoxy free construction

Integrated touch safe cover (IP20)

Regulated control input

LED input status indicator



For complete specifications of the ELS Series and other Crydom products, visit www.crydom.com

Why Use Solid State Switching Technology?

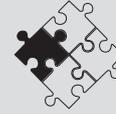
Our **ELS Series** solid state relays are suitable for use in almost any type of application where there is a need to switch an AC voltage, and they are perfect for replacing electromechanical relays due to some of the benefits associated with solid state technology:



Long Life Expectancy



Shock & Vibration Resistant



High Compatibility with Control Systems



Quiet Operation



Ideal for Harsh Environments



Fast Switching

Applications

The following are some of the typical application areas where **ELS series** SSRs can be used:

Plastic Molding/Extrusion Machinery



- Extruder lines: cylinder zones cooling
- Plastic molding: control of heating elements (injection temperature)
- Vibrator motor for powder and granule

Packaging Machinery



- Automatic wrapping machine: film cylinder moving
- Automatic wrapping machine: control of heating element (sealing temperature)
- Conveyors for material moving: start/stop of motor

HVAC Systems



- Start/Stop of compressors
- Fan motor control
- Control of heating element in air handler

Commercial Cooking Equipment



- Cooking oven: control of heating element
- Coffee machine: dispensing control
- Deep fryer: control of heating element

Process Control



- Semiconductor manufacturing equipment
- Food processing equipment
- Glass tempering ovens

Industrial Automation



- Automotive paint dryers
- Material handling equipment
- Control of valves and solenoids