FUJITEC

HYDRAULIC Solid-State STARTER

Solid-state starters help improve the life of your system by reducing the stress on your motor. These units do not require service inspections and provide quiter operation with reduced power consumption. Figure 1 below illustrates an example of the solid-state starter and its relation to other system components.





Benefits

- Improves motor life
- Reduces stress on motor windings
- Quieter system operation
- Helps reduce instances of power surging
- Decreases power consumption
- Improves motor life by decreasing electrical strain
- Improves uptime by decreasing maintenance needs

'Solid'

Upgrading to a solid-state unit evenly distributes the power necessary to help put the cab in transit with continuous and fluid motion. Because conventional starters are mechanically operated, the amount of power delivered to the starter is increased which in-effect can cause power surges that can compromise the performance and distribution of electricity to other areas of the building. An example to better illustrate the difference in performance between solid-state and conventional starters would be driving an older car with a standard transmission versus a newer electric vehicle with an automatic transmission.

> *(There are a number of solid-state/soft start solutions with varying specifications for hydraulic elevators. Consult with your Fujitec sales associate to determine the best solution for your building.)

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