



Application Solution Door Locking Systems

Closing and locking of washing machine doors

Door locks of industrial washing machines not only need to be extremely robust. They also need to ensure that the door cannot be opened during the washing procedure, even in the case of improper operation or vandalism.

A mechanical lock in combination with derated bi-stable solenoids, end position sensors for the closed and the locked position of the door, as well as central connectors and an emergency opener result in a highly compact unit. High-quality plastics contribute to increased mechanical stability and long product life even with high ambient temperatures. When it comes to locking systems, Kendrion Kuhnke Automation can point to a wealth of experiences and is able to provide an optimised and custom designed solution for any customer-specific application.



- ✓ Protected locking mechanism
- ✓ Bi-stable solenoid for high ambient temperatures
- ✓ Sensors for “door closed” and “door locked” positions
- ✓ Compact lock with emergency opener