

Electro-Mechanical Outdoor Swing Handle

- Basic Latch Dimensions

- Length : 177.0mm
- Width : 39.5 mm
- Hgt beyond door face : 19.5mm
- Intrusion from back face of door : 21.0mm
- Range of door panel thickness : (0.9-3.2)mm

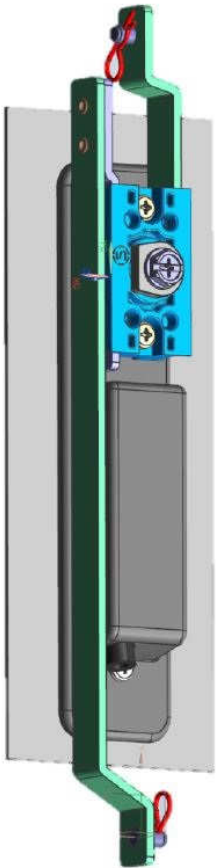


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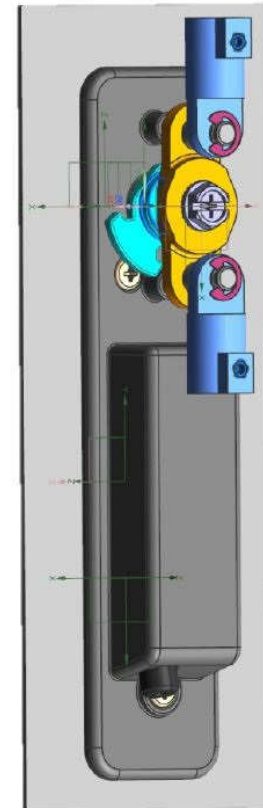
- Environmental
 - Sealing
 - Capable of NEMA 4/ IP66 water intrusion standard when latched
 - Gaskets in Housing and Rear Cover seal against the panel of the door skin
 - Seals outer skin when installed on double skin door
 - O-rings seal the Shaft with Housing and Rear Cover
 - Custom seal at housing opening for handle to minimize water intrusion when unlatched
 - Corrosion
 - Capable of 720 hrs. NSS per ASTM B117



Electro-Mechanical Outdoor Swing Handle



- Single configuration
 - Uses (8 x 8)mm pawl
- Multi-Point Rod Configuration
 - Gearbox mounts to Rear Cover to drive linear rods
 - Rotational actuator to drive round or flat rods



Electro-Mechanical Outdoor Swing Handle

- Efficient Gear Motor Drive
- 6 pin connector
- Nominal Power Supply 12-24 VDC
- To unlock
 - 12VDC, < 200mA
 - 9VDC min.
 - Signal duration to open
 - 100 milliseconds min.
 - Can reset to locked position after 3 sec .
 - Can remain unlocked until signal is removed
 - Output Signal
 - 12V-24VDC , 100mA max load



Electro-Mechanical Outdoor Swing Handle

- Sensors to detect if latched and locked
 - Detects movement and location of lock pawl
 - Detects presence of handle striker
 - Detects presence of handle
- Conditions that need to be met to indicate locked and secured
 - Handle striker is in correct position
 - Lock pawl is extended
 - Handle is nested in housing

