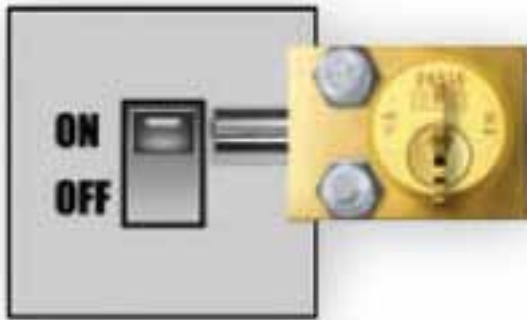




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MECHANICAL INTERLOCKING



- Breaker closed
- Lock bolt withdrawn
- Key held



- Breaker locked open
- Lock bolt extended
- Key released

Status 1: Coupler connected & energized

Interlock status: Locked

Circuit breaker power: On

Key location: Key locked into circuit breaker at switch house

Safe to disconnect coupler: No

Note: For safety, key cannot be removed from circuit breaker until the breaker is opened and power turned off.

Status 2: Coupler connected, not energized

Interlock status: Locked

Circuit breaker power: Off

Key location: Key disconnected from circuit breaker in transport to coupler & interlock

Safe to disconnect coupler: Yes, but coupler will not disconnect without unlocking interlock

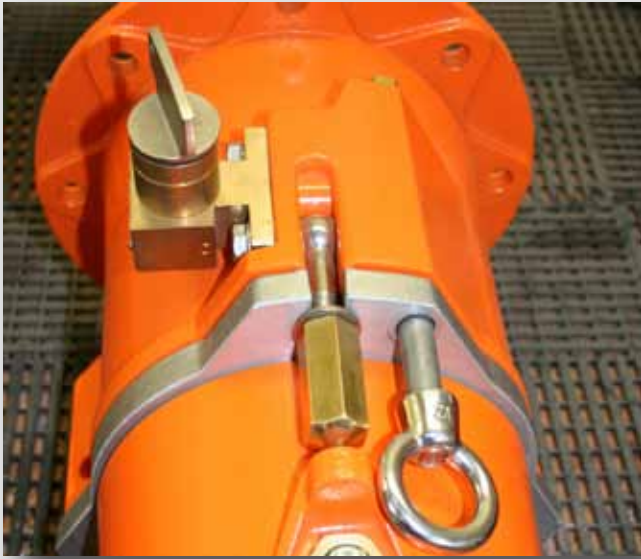


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MECHANICAL INTERLOCKING



Status 3: Coupler connected, interlock open
Interlock status: Unlocked
Circuit breaker power: Off
Key location: In interlocking system
Safe to disconnect coupler: Yes
Note: For safety, key will not release from interlock until coupler or live end cover & interlock pin are fully engaged.



Status 4: No coupler attached
Interlock status: Unlocked
Circuit breaker power: Off
Key location: In interlocking system
Safe to connect coupler: Yes
Note: For safety, key will not release from interlock until coupler or live end cover & interlock pin are fully engaged.

Status 5: Live end cover installed
Interlock status: Locked
Circuit breaker power: On
Key location: Key locked into circuit breaker at switch house
Safe to disconnect live end cover: No



******Under no circumstance when there is no coupler or live end cover installed, should the interlock pin be installed, interlock locked and key returned to switch house. These conditions could lead to accidental energizing of unsafe circuit. Energizing under these conditions is dangerous and will lead to catastrophic results.**