Standard Features

- INTERNAL DECOUPLER
- ASYMMETRIC COUPLING – prevents re-coupling 180° out of position
- VIEW WINDOW IN FRONT DOOR – allows positive reading of decoupler position
- LARGE HOUSING – 32”H 23”W 18”L – ample room for incoming wires.
- HINGED, REMOVABLE DOORS ON THREE SIDES – maintenance free.
- ADJUSTABLE EXTERNAL MECHANICAL STOPS – swing handle operation kept within the same arc as when the motor is operated.
- PERMANENT MAGNET MOTOR – allows dynamic braking which add to the ease of operation
- “U” JOINT OUTPUT – allows for connected torsional
- 8 STAGE AUXILIARY SWITCH FOR CUSTOMER USE
- AUTOMATIC LOCKOUT OF MOTOR CIRCUIT WHEN HAND CRANK IS INSERTED – safety feature.
- 230/115 VAC THERMOSTATICALLY CONTROLLED 150 WATT HEATER
- FUSE PROTECTION ON MOTOR/CONTROL AND HEATER CIRCUITS.

Differentiating Features

- Internal decoupler allows auxiliary switch to be above decoupler
- The auxiliary switch always reflects position of switch and is not subject to icing.
- A single padlock secures the decoupler and housing
- A second, optional auxiliary switch is available to follow the motor, if desired
- A slip-ring mechanism isolates the operator from “kick” as energy from the vertical pipe wrap-up is released during decoupling

Optional Features

- Stop push-button operation
- Local/remote selector switch indicating lights
- Operations counter
- Circuit breakers
- Auxiliary switch below decoupler

Pacific Air Switch Corporation
P.O. Box 328, 2615 23rd Avenue, Forest Grove, OR 97116, (503) 359-3939, Fax: (503) 357-0858
**ELECTRICAL PARAMETERS**

### Table 1

**MOTOR CURRENT RATINGS**

<table>
<thead>
<tr>
<th>MOTOR</th>
<th>CURRENT (AMPS)</th>
<th>INRUSH LOCKED</th>
<th>RUNNING FULL LOAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 V.D.C.</td>
<td>122</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>48 V.D.C.</td>
<td>59</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>125 V.D.C.</td>
<td>21</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

### Table 2

**OPERATING CHARACTERISTICS**

<table>
<thead>
<tr>
<th>MOTOR</th>
<th>OPERATING TIME (SEC)*</th>
<th>OUTPUT TORQUE IN-LBS (x1000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>30</td>
</tr>
</tbody>
</table>

* Time is for 180 degree rotation of output shaft

Net Weight: 210 lbs.
Shipping Weight: 250 lbs.