**KAYCEE BREAKER CONTROL SWITCHES : (25A & 32A)**

**SPECIFICATION:**

**FEATURES:**
- Compact Design
- Double Break butt Contact
- Stay Put
- Spring Return
- Lost Motion
- Sequence Locking
- Locking Facility.
- 45°, 60°, 90° angle of throw.
- Common Mounting Plate Suitable for Standard + ODS Mounting

**TESTED AT ERDA AS PER IEC 60947-5-1:2003**
**ELECTRICAL DATA:**
- **Continuous Current (Ith)**: 25A / 32A
- **Operational Voltage**: 660 Volt
- **High Voltage Test**: 2.5 KV (R.M.S.)
- **Ambient Temperature**: 55°
- **Frequency of Operation**: 300 cycles / Hour
- **Mechanical Life**: 1 Million Cycles of Operation
- **Electrical Life**: 1 Lac Operations
- **Short Time Withstand Current**: 250 A for 1 Sec. (25 Amp)  
  - 300 A for 1 Sec. (32 Amp)
- **Short Time Making & Breaking Capacity**: 250 A (25 Amp)  
  - 300 A (32 Amp)

**DC BREAKING CAPACITY**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Resistive</th>
<th>Inductive 10 m Sec</th>
<th>Inductive 20 m Sec</th>
<th>Inductive 40 m Sec</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>20</td>
<td>20</td>
<td>15</td>
<td>6</td>
</tr>
<tr>
<td>110</td>
<td>3</td>
<td>2.5</td>
<td>1.5</td>
<td>1</td>
</tr>
<tr>
<td>220</td>
<td>1.5</td>
<td>0.5</td>
<td>0.3</td>
<td>0.2</td>
</tr>
</tbody>
</table>

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<tbody>
<tr>
<td>50</td>
<td>25</td>
<td>20</td>
<td>7.5</td>
<td>6.5</td>
</tr>
<tr>
<td>110</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>1.5</td>
</tr>
<tr>
<td>220</td>
<td>4</td>
<td>2.5</td>
<td>2</td>
<td>0.5</td>
</tr>
</tbody>
</table>

**ITEM** | **DESCRIPTION** | **WIDTH** |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Earthing Plate</td>
<td>15.0</td>
</tr>
<tr>
<td>2</td>
<td>Base Plate</td>
<td>06.5</td>
</tr>
<tr>
<td>3</td>
<td>Pack (L.M.D.)</td>
<td>12.7</td>
</tr>
<tr>
<td>4</td>
<td>Pack</td>
<td>12.7</td>
</tr>
<tr>
<td>5</td>
<td>Spring Return Mech.</td>
<td>20.0</td>
</tr>
<tr>
<td>6</td>
<td>Seq. Locking Device</td>
<td>12.0</td>
</tr>
<tr>
<td>7</td>
<td>Housing Cover No. 3</td>
<td>06.5</td>
</tr>
<tr>
<td>8</td>
<td>Flush Plate</td>
<td>07.0</td>
</tr>
<tr>
<td>9</td>
<td>Stay Put Mechanism</td>
<td>16.0</td>
</tr>
</tbody>
</table>

**INDICATING PLATE**
- **Main Contacts**: TRIP, NEUTRAL, CLOSE
- **Lost Motion Contacts**: 
- **Mechanism 'A'**: Spring Return
- **Mechanism 'B'**: Spring Return + Lost Motion Device
- **Mechanism 'C'**: Spring Return + Seq. Locking
  - Lost Motion Device
- **Mechanism 'D'**: Spring Return + Seq. Locking
- **Mechanism 'E'**: Stay Put Mechanism
CODING SYSTEM:
The Breaker Control Switches will bear the code number; its details are given below:

<table>
<thead>
<tr>
<th></th>
<th>B</th>
<th>C</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>

(3) Mechanism:
A. Spring Return,
B. Spring Return with Lost Motion Device
C. Spring Return with Lost Motion Device plus Sequence Locking.
D. Spring Return with Sequence Lacking.
E. Stay Put.

(4) & (5) : No. of Standard packets (2 electrical ways per packet).
Example;
01 = 1 Packet = 2 Electrical ways. 02 = 2 Packets = 4 Electrical ways.

(6) Type of Handles
*L = Lever Type Handle  P = Pistol Grip Handle
*T = TEE Type Handle  W = Wing Type Handle
* Available with Barrel Lock

(7) & (8) : No. of packets with Lost Motion Device.
Example:
01 = 1 Packet = 2 Electrical ways. 02 = 2 Packets = 4 Electrical ways,

(9) Angle of throw:
4 = 45°  6 = 60°  9 = 90°

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PANEL CUTOUT DETAILS

CS-C10231
Breaker Control Switch With O.D.C. Mounting (Non-Lokable)

CS-C10232
Breaker Control Switch With O.D.C. Mounting (Non-Lokable)

CS-C10188
Breaker Control Switch With Barrel Locking (Lever Type or 'T' Type)

CS-C10105
Breaker Control Switch With Standard Mounting