

**EZ Panel Clamp-On Lockout**

TDS No. LOTO-45  
Effective Date: 10/10/2017

**Description:**

**Design**

- EZ Panel Loc system works on a wide range of breakers, including single and multi-pole configurations
- The unique lock rail system allows the panel door to be closed with lockouts in place, and keeps the weight of padlocks off of the breakers
- Clamp-On style is used on breakers that do not have a hole in the switch tongue, including multi-pole breakers with tie-bars
- Turn the thumbscrew to clamp lockout securely onto switch, then snap the cover closed to prevent thumb wheel from being loosened



**Material**

- Housing: Glass filled polyurethane
- Color: Red, PMS 1807
- Body, thumbwheel, key: Glass-filled Nylon
- Color: Black
- Spring form, screw, barb: stainless steel
- Stopper: Copper
- Sleeve: Aluminum

**Temperature Range**

Glass-filled Nylon: -20° to 120°C (0° to 250°F)  
Glass-filled polyurethane: -40° to 120°C (-40° to 250°F)

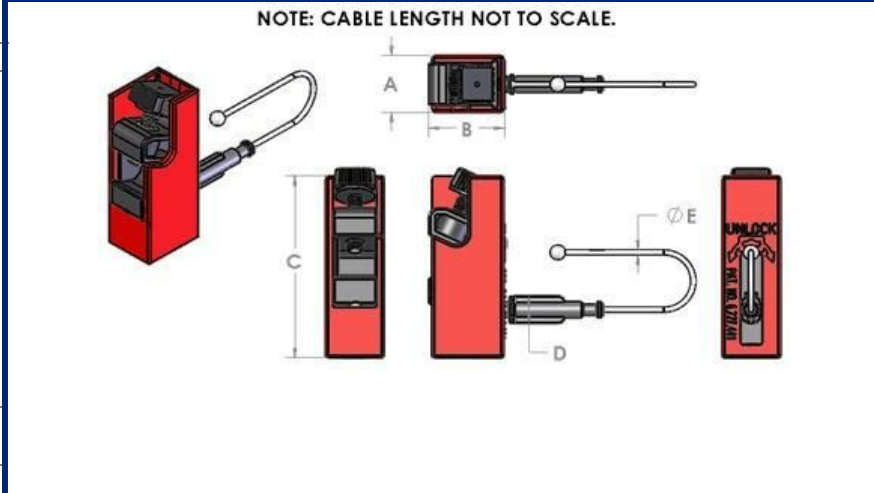
**Chemical Resistance**

All approved chemicals listed are based on the manufactures specified chemical resistance chart for plastic material only.

**Dimensions**

|   |   |                |
|---|---|----------------|
| A | - | 0.75" [18.8mm] |
| B | - | 1.0" [24.5mm]  |
| C | - | 2.38" [60.5mm] |
| D | - | 0.36" [9.14mm] |
| E | - | 0.06" [1.47mm] |

| Chemical  | °C    | Chemical  | °C    |
|---|-------|---|-------|
| Acetone   | 25    | Petroleum   | 25    |
| Acetone   | 60    | Turpentine oil  | 25    |
| Chlorine, chlorine water                        | 25    | Turpentine substitute (white spirit)                              | 25    |
| Fuel, engine: Gasoline (normal & premium grade) | 85    | Trichloroethane 1,1,1   | 45    |
| Lubrication oil: gear oil                       | < 120 | Lubricating oil: HD engine oils, hydraulic oils, transformer oils | < 120 |
| Fuel, engine: M15 mixture (15% methanol)        | 70    | Water (including seawater)  | 25    |
| Methanol  | 25    | Water (including seawater), chlorinated (<0,5 mg/l)               | 80    |



**Warranty**

**Note:** All values shown are averages and should not be used for specification purposes. Test data and test results contained in this document are for general information only and shall not be relied upon by Brady customers for designs and specifications, or be relied on as meeting specified performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact Brady for further information.

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## Manufacturer's Catalog

| Manufacture     | Type  | # Poles | Manufacture       | Type       | # Poles | Manufacture  | Type    | # Poles | Manufacture | Type    | # Poles | Manufacture    | Type          | # Pole |
|-----------------|-------|---------|-------------------|------------|---------|--------------|---------|---------|-------------|---------|---------|----------------|---------------|--------|
| American Switch | C     | 1       | Cutler Hammer     | GC         | 1-3     | General Elec | TEB     | 1-3     | Siemens ITE | BQH     | 1       | Square D       | Q1L           | 2-3    |
|                 |       |         | Cutler Hammer     | GD         | 1-3     | General Elec | TED     | 1-3     | Siemens ITE | BQH     | 2-3     | Square D       | QO            | 2-3    |
| Bryant          | BR    | 1       | Cutler Hammer     | GDB        | 1-3     | General Elec | TEF     | 1-3     | Siemens ITE | CED6    | 2-3     | Square D       | QOB           | 2-3    |
| Bryant          | BR    | 2-3     | Cutler Hammer     | GHB        | 1-3     | General Elec | TEL     | 3       | Siemens ITE | CQD     | 1-3     | Square D       | QOM1-VH       | 2      |
| Challenger      | C     | 1       | Cutler Hammer     | GHBGFEP    | 1       | General Elec | TBML    | 3       | Siemens ITE | E2      | 1-3     | Square D       | QOM2-VH       | 2      |
| Challenger      | C     | 2-3     | Cutler Hammer     | GHC        | 1-3     | General Elec | TEY     | 1-3     | Siemens ITE | E4      | 1-3     | Square D       | QO-SWN        | 2-3    |
| Challenger      | LM    | 1       | Cutler Hammer     | GHCGFEP    | 1       | General Elec | TF      | 1-3     | Siemens ITE | ED      | 1-3     | Square D       | QOU           | 2-3    |
| Challenger      | NEJ   | 1-2     | Cutler Hammer     | HBAW       | 1       | General Elec | TFC     | 3       | Siemens ITE | ED4     | 1-3     | Square D       | QOU (tie bar) | 2-3    |
| Crouse Hinds    | MP    | 2       | Cutler Hammer     | HBAX       | 1       | General Elec | THED    | 1-3     | Siemens ITE | ED6     | 1-3     | Square D       | QO-VH         | 2-3    |
| Cutler Hammer   | BA    | 1       | Cutler Hammer     | HFD        | 1-4     | General Elec | THEF    | 1-3     | Siemens ITE | ED6-ETI | 3       | Sylvania GTE   | QC            | 2      |
| Cutler Hammer   | BAB   | 1       | Cutler Hammer     | HGHB       | 1       | General Elec | THHQB   | 2-3     | Siemens ITE | EE3     | 3       | Sylvania GTE   | Type C        | 2      |
| Cutler Hammer   | BD    | 1       | Cutler Hammer     | HGHC       | 1       | General Elec | THHQB-A | 1       | Siemens ITE | EH3     | 3       | Thomas & Betts | F Frame       | 1-3    |
| Cutler Hammer   | BR    | 1       | Cutler Hammer     | HQP        | 1       | General Elec | THHQB-S | 1       | Siemens ITE | EQP     | 4       | Westinghouse   | BA            | 1-3    |
| Cutler Hammer   | BR    | 2-3     | Cutler Hammer     | LJ         | 3       | General Elec | THHQC   | 1-3     | Siemens ITE | ET      | 3       | Westinghouse   | BAB           | 1-3    |
| Cutler Hammer   | BRH   | 1       | Cutler Hammer     | QBGF       | 2       | General Elec | THHQC-A | 1       | Siemens ITE | GF      | 1       | Westinghouse   | BR            | 1-3    |
| Cutler Hammer   | BRH   | 2-3     | Cutler Hammer     | QBGFEP     | 2       | General Elec | THHQC-S | 1       | Siemens ITE | HBL     | 1       | Westinghouse   | BR w/tie bar  | 2-3    |
| Cutler Hammer   | BRHH  | 2       | Cutler Hammer     | QBHW       | 1       | General Elec | THHQL   | 2-3     | Siemens ITE | HBL     | 2-3     | Westinghouse   | EB            | 1-3    |
| Cutler Hammer   | CH    | 1       | Cutler Hammer     | QC         | 1       | General Elec | THHQL-A | 1       | Siemens ITE | HBQ     | 1       | Westinghouse   | ED            |        |
| Cutler Hammer   | CH    | 2-3     | Cutler Hammer     | QC         | 2-3     | General Elec | THHQL-S | 1       | Siemens ITE | HBQ     | 2-3     | Westinghouse   | EH            | 1-3    |
| Cutler Hammer   | CH2   | 4       | Cutler Hammer     | QCD        | 1       | General Elec | THQB    | 2-3     | Siemens ITE | HE4     | 1-3     | Westinghouse   | EHD           | 1-3    |
| Cutler Hammer   | CHB   | 1       | Cutler Hammer     | QCD        | 2-3     | General Elec | THQB-A  | 1       | Siemens ITE | HED4    | 1-3     | Westinghouse   | FA            | 3      |
| Cutler Hammer   | CHB   | 2-3     | Cutler Hammer     | QCHW       | 1       | General Elec | THQB-S  | 1       | Siemens ITE | HED6    | 2-3     | Westinghouse   | FB            | 2-3    |
| Cutler Hammer   | CHP   | 1       | Cutler Hammer     | QCHW       | 2-3     | General Elec | THQC    | 2-3     | Siemens ITE | HHED6   | 2-3     | Westinghouse   | FD            | 1-4    |
| Cutler Hammer   | CHP   | 2-3     | Cutler Hammer     | QHCW       | 1       | General Elec | THQC-A  | 1       | Siemens ITE | HQJ2-H  | 3       | Westinghouse   | FDB           | 2-4    |
| Cutler Hammer   | CHQ   | 1       | Cutler Hammer     | QHCW       | 2-3     | General Elec | THQC-AL | 2-3     | Siemens ITE | HQP     | 1       | Westinghouse   | FDC           | 2-4    |
| Cutler Hammer   | CHQ   | 2       | Cutler Hammer     | QHCX       | 1       | General Elec | THQC-S  | 1       | Siemens ITE | HQP     | 2-3     | Westinghouse   | GB            | 1-3    |
| Cutler Hammer   | CHSW  | 2-3     | Cutler Hammer     | QHCX       | 2-3     | General Elec | THQD    | 2-3     | Siemens ITE | HQPP    | 1       | Westinghouse   | GBH           | 1-3    |
| Cutler Hammer   | CL    | 1       | Cutler Hammer     | QHPW       | 1       | General Elec | THQDBL  | 3       | Siemens ITE | HQPP    | 2-3     | Westinghouse   | GBH           | 1-3    |
| Cutler Hammer   | CL    | 2       | Cutler Hammer     | QHPX       | 1       | General Elec | THQL    | 2-3     | Siemens ITE | HQPPH   | 2       | Westinghouse   | HBAW          | 1      |
| Cutler Hammer   | CSR   | 1       | Cutler Hammer     | QPGF       | 2       | General Elec | THQL-A  | 1       | Siemens ITE | QJ2     | 2-3     | Westinghouse   | HBAX          | 1      |
| Cutler Hammer   | E125B | 1-4     | Cutler Hammer     | QPGFEP     | 2       | General Elec | THQL-S  | 1       | Siemens ITE | QJ2-H   | 2-3     | Westinghouse   | HCA           | 3      |
| Cutler Hammer   | E125E | 1-4     | Cutler Hammer     | QPHW       | 1       | General Elec | TJC     | 2-3     | Siemens ITE | QJH2    | 2-3     | Westinghouse   | HFB           | 1-3    |
| Cutler Hammer   | E125H | 1-4     | Fed. Pacific Elec | BAB        | 1       | General Elec | TKC     | 2       | Siemens ITE | QP      | 1       | Westinghouse   | HFD           | 1-4    |
| Cutler Hammer   | E125S | 1-4     | Fed. Pacific Elec | NA-single  | 3       | General Elec | TQB     | 2-3     | Siemens ITE | QP      | 2-3     | Westinghouse   | HMCP          |        |
| Cutler Hammer   | ED    | 2-4     | Fed. Pacific Elec | NA-tie bar | 2       | General Elec | TQB-A   | 1       | Siemens ITE | QP1     | 1       | Westinghouse   | HQNP          | 3      |
| Cutler Hammer   | EDC   | 2-4     | Fed. Pacific Elec | NB         | 1       | General Elec | TQB-S   | 1       | Siemens ITE | QPH     | 1       | Westinghouse   | HQP           | 1      |
| Cutler Hammer   | EDH   | 2-4     | Fed. Pacific Elec | NBH GFI    | 1       | General Elec | TQC     | 2-3     | Siemens ITE | QPH     | 2-4     | Westinghouse   | MCPO          | 3      |
| Cutler Hammer   | EFH   | 1-4     | Fed. Pacific Elec | NP-single  | 1       | General Elec | TQC-A   | 1       | Siemens ITE | QPP     | 1       | Westinghouse   | P             | 3      |
| Cutler Hammer   | EGB   | 1-4     | Frank Adams       | P          | 1       | General Elec | TQC-S   | 1       | Siemens ITE | QPP     | 2-3     | Westinghouse   | QBHW          | 1      |
| Cutler Hammer   | EGE   | 1-4     | General Electric  | HQC        | 3       | General Elec | TQL-A   | 1       | Siemens ITE | QPPH    | 1       | Westinghouse   | QC            | 1      |
| Cutler Hammer   | EGS   | 1-4     | General Electric  | SED        | 2-3     | General Elec | TQL-S   | 1       | Siemens ITE | QPPH    | 2-3     | Westinghouse   | QCHQ          | 1      |
| Cutler Hammer   | EHC   | 1-4     | General Electric  | SEH        | 2-3     | Siemens ITE  | BL      | 1       | Square D    | EDB     | 1-3     | Westinghouse   | QHCW          | 1      |
| Cutler Hammer   | EHD   | 1-4     | General Electric  | SEL        | 2-3     | Siemens ITE  | BL      | 2-3     | Square D    | EGB     | 1-3     | Westinghouse   | QHCX          | 1      |
| Cutler Hammer   | FB    | 2-3     | General Electric  | SEP        | 2-3     | Siemens ITE  | BLF-GFI | 2       | Square D    | EH4     | 1-3     | Westinghouse   | QHPW          | 1      |
| Cutler Hammer   | FC    | 1-4     | General Electric  | SFH        | 2-3     | Siemens ITE  | BLH     | 1       | Square D    | EHB     | 1-3     | Westinghouse   | QHPW          | 1      |
| Cutler Hammer   | FD    | 1-4     | General Electric  | SFL        | 2-3     | Siemens ITE  | BLH     | 2-3     | Square D    | EHB     | 2-3     | Westinghouse   | Quicktag P    |        |
| Cutler Hammer   | FDB   | 2-4     | General Electric  | SFP        | 2-3     | Siemens ITE  | BQ      | 1       | Square D    | EJB     | 1-3     | Westinghouse   | RE            |        |
| Cutler Hammer   | FDC   | 2-4     | General Electric  | TB         | 2       | Siemens ITE  | BQ      | 2-3     | Square D    | FDA     |         | Westinghouse   | WPHX          | 1      |
| Cutler Hammer   | FS    | 2-3     | General Electric  | TBC        | 2       | Siemens ITE  | BQCH    | 1-3     | Square D    | FGA     | 3       | Zinsoo         | HQB           | 6      |
| Cutler Hammer   | GB    | 1-3     | General Electric  | TE         | 1-3     | Siemens ITE  | BQD     | 1-3     | Square D    | Q1B     | 2-3     | Zinsoo         | QC            | 1      |

### Details:

#### MSDS Information

##### 1. HAZARDS IDENTIFICATION

This product is NOT DANGEROUS and contains no hazardous ingredients

##### 2. FIRST AID MEASURES/HEALTH INFORMATION PROTECTION

|                      |  |
|----------------------|--|
| Eye Contact:         | Not applicable, product is inert   |
| Ingestion:           | Not applicable, first aid is not normally required.  |
| Inhalation:          | Not applicable   |
| Skin Contact:        | Not applicable, product is inert, except if product is melted use gloves. For hot melted product, immerse in or flush affected area with water to dissipate heat, then obtain medical attention. |
| Exposure Limits:     | None   |
| Threshold Limits     | None   |
| Personal Protection: | None (ambient conditions)  |
| NPCA-HMIS Rating:    | Health: 0; Flammability: 1; Reactivity: 0  |
| NFPA-704 Rating:     | Health: 0; Flammability: 1; Reactivity: 0  |

##### 3. FIRE-FIGHTING MEASURES

|  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Be cautious of hot melted Nylon</li> <li>• Isolate product from fire</li> <li>• Extinguish fire with water spray</li> </ul> | <ul style="list-style-type: none"> <li>• Use water spray to cool fire, exposed surfaces, and to protect personnel</li> <li>• Respiratory and eye protection is required for fire fighting personnel</li> <li>• Decomposition products under fire conditions: Oxygen-lean conditions may cause monoxide and irritating smoke</li> </ul> |
|--|--|

#### 4. ACCIDENTAL RELEASE MEASURES

|       |   |
|-------|---|
| Land  | Recover material and place in suitable container for reuse or for disposal in conformance with local regulations  |
| Water | Recover material and place in suitable container for reuse or for disposal in conformance with local regulations. |

#### 5. HANDLING AND STORAGE

|   |  |
|---|--|
| 5.1 Handling  | 5.2 Storage                                      |
| No precautions noted-see local regulation if needed | Storage pressure: Atmospheric                    |
|   | Storage temperature: Ambient, no direct sunlight |

#### 6. EXPOSURE CONTROLS/PERSONAL PROTECTION

|                           |  |
|---------------------------|--|
| 6.1 Exposure limit values | 6.2 Exposure Controls                                    |
| None                      | 6.2.1 Occupational Exposure Controls                     |
|                           | 6.2.1.1 Respiratory Protection: Not applicable           |
|                           | 6.2.1.2 Hand Protection: Not applicable                  |
|                           | 6.2.1.3 Eye Protection: Not applicable                   |
|                           | 6.2.1.4 Skin Protection: Not applicable                  |
|                           | 6.2.2 Environmental Exposure Controls: No data available |

#### 7. PHYSICAL AND CHEMICAL PROPERTIES

|                     |  |
|---------------------|--|
| General Information |  |
| Other Information   |  |

#### 8. STABILITY AND REACTIVITY

|   |
|---|
| 8.1 Conditions to Avoid   |
| Higher Temperatures and direct sunlight (chemical resistance is excellent)    |
| Highly stable, but temperatures over 480 F may cause degradation              |
| 8.2 Materials to Avoid  |
| No data available   |
| 8.3 Hazardous Decomposition Products  |
| Under fire and oxygen-lean conditions may cause monoxide and irritating smoke |

#### 9. ECOLOGICAL INFORMATION

|                                   |                   |
|-----------------------------------|-------------------|
| 9.1 Ecotoxicity                   | No data available |
| 9.2 Mobility                      | No data available |
| 9.3 Persistence and Degradability | No data available |
| 9.4 Bioaccumulative Potential     | No data available |
| 9.5 Other Adverse Effects         | No data available |

#### 10. DISPOSAL CONSIDERATIONS

|  |
|--|
| None of the materials in this product are Recyclable, dispose of all materials in accordance with an applicable federal, state, and local law. |
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#### 11. TRANSPORT INFORMATION

|                   |
|-------------------|
| No data available |
|-------------------|

#### 12. REGULATORY INFORMATION

|   |                      |
|---|----------------------|
| This product has been tested and validated to the Regulatory Requirements listed below. |                      |
| • OSHA 29 CFR 1910.147 ©(4)(ii)( A)(1)/(c) (5)(ii)(C)(1)                                | • ANSI standard Z244 |

#### 13. OTHER INFORMATION

|                   |
|-------------------|
| No data available |
|-------------------|

#### Trademarks:

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Brady North America | 6555 West Good Hope Road | Milwaukee, Wisconsin 53223 | USA | Tel: 414-358-6600 | Fax: 414-228-5770