


Clamp On 480v Circuit Breaker Lockout

TDS No. LOTO-2
Effective Date: 10/09/2017

Description:

<p>Design</p> <ul style="list-style-type: none"> Extremely versatile device, works on a wide range of single-pole breakers Made of rugged polypropylene and impact modified nylon Use thumbscrew to clamp lockout securely onto switch tongue, then pull cover over thumbscrew and lock in place to prevent clamp from being loosened Blade design provides tighter grip with less torque on thumbscrew Accepts lock shackles up to 9/32" [7.1mm] in diameter, and comes with detachable cleats to expand the range of applicable breakers 																																		
<p>Material</p> <ul style="list-style-type: none"> Made of Polypropylene Outer Housing Steel Clamp made of over molded Glass- filled Nylon Steel screw with over molded Glass-filled Nylon thumbscrew. Color: Housing – Red (PMS 1805C) Color: Thumbscrew - Black UL Rating: UL 94 - HB 	<table border="1"> <thead> <tr> <th>Chemical</th> <th>°C</th> <th>Chemical</th> <th>°C</th> </tr> </thead> <tbody> <tr> <td>Acetone</td> <td>25</td> <td>Petroleum</td> <td>25</td> </tr> <tr> <td>Acetone</td> <td>60</td> <td>Turpentine oil</td> <td>25</td> </tr> <tr> <td>Chlorine, chlorine water</td> <td>25</td> <td>Turpentine substitute (white spirit)</td> <td>25</td> </tr> <tr> <td>Fuel, engine: Gasoline (normal & premium grade)</td> <td>85</td> <td>Trichloroethane 1,1,1</td> <td>45</td> </tr> <tr> <td>Lubrication oil: gear oil</td> <td>< 120</td> <td>Lubricating oil: HD engine oils, hydraulic oils, transformer oils</td> <td>< 120</td> </tr> <tr> <td>Fuel, engine: M15 mixture (15% methanol)</td> <td>70</td> <td>Water (including seawater)</td> <td>25</td> </tr> <tr> <td>Methanol</td> <td>25</td> <td>Water (including seawater), chlorinated (<0,5 mg/l)</td> <td>80</td> </tr> </tbody> </table>		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
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																															
<p>Temperature Range</p>																																		

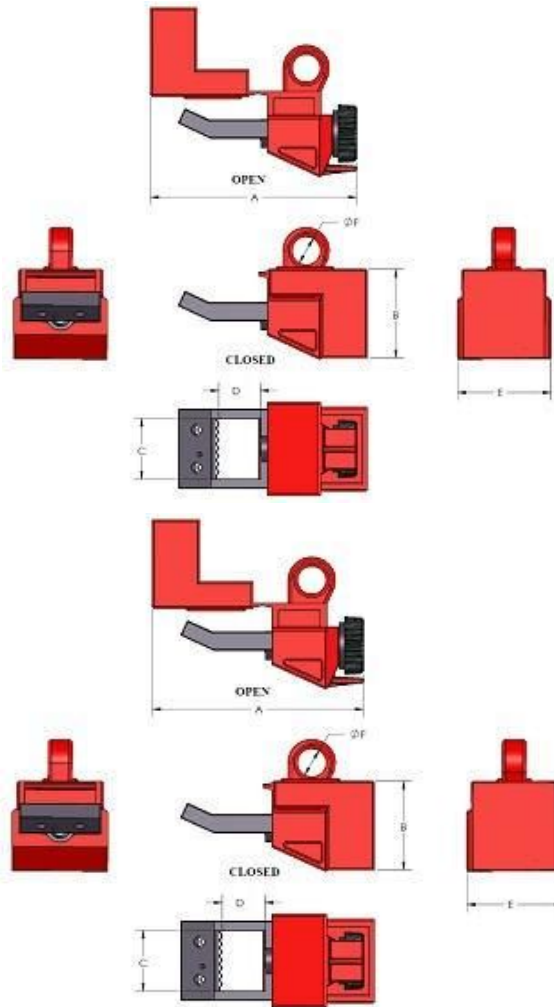
- Polypropylene Housing: -20° to 80°C (0° to 175°F)
- Glass-filled Nylon: -20° to 120°C (0° to 250°F)

Chemical Resistance

All approved chemicals listed are based on the manufactures specified chemical resistance chart for plastic material only. All other materials in the device are made of steel.

Dimensions

"A"	-	3.253" [82.6mm]
"B"	-	1.588" [40.3mm]
"C"	-	1.610" [60.9mm]
"D"	-	0.574" [14.6mm]
"E"	-	2.175" [55.2mm]
"F"	-	0.300" [7.6mm]



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.

Product compliance information is based upon information provided by suppliers of the raw materials used by Brady to manufacture this product or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, Brady makes no independent representations or warranties, expressed or implied, and assumes no liability in connection with the use of this information.

Circuit Breaker Cross Reference Guide

Circuit Breaker Manufacture	Breaker Type	# of Poles	Circuit Breaker Manufacture	Breaker Type	# of Poles	Circuit Breaker Manufacture	Breaker Type	# of Poles
AB	JS	2-3	General Electric	SGP	2-3	Siemens ITE	JXD2-A	2-3
AB	S3	3	General Electric	SRPG	3	Siemens ITE	LL3	3
American Ckt. Bkr.	NJJ	3	General Electric	TFJ	2-3	Simplex	NX	3
Challenger	CDK	2-3	General Electric	TFK	2-3	Square D	KAP	
Cutler Hammer	CHKD	2-3	General Electric	TFL	3	Square D	LA	2-3
Cutler Hammer	CHND	2-4	General Electric	THFK	2-3	Square D	LAL	2-3
Cutler Hammer	CKD	2-3	General Electric	THJK4	2-3	Square D	LAP	3
Cutler Hammer	CND	2-4	General Electric	THJK6	2-3	Square D	LH	2-3
Cutler Hammer	CNDC	2-4	General Electric	TJ2	2-3	Square D	LHL	3
Cutler Hammer	DK	2-3	General Electric	TJ4	3	Square D	LHP	
Cutler Hammer	HJD	2-4	General Electric	TJD	2-3	Square D	MA	2-3
Cutler Hammer	HKD	2-4	General Electric	TJJ	2-3	Square D	MH	2-3
Cutler Hammer	HMCP	2-3	General Electric	TJK	2-3	Square D	ML-1	3
Cutler Hammer	HMPL	3	General Electric	TJS	2-3	Square D	Q4	2-3
Cutler Hammer	HND	2-4	General Electric	TK4V	3	Square D	Q4L	2-3

Cutler Hammer	JD	2-4	Merlin Gerin	CJ	3	Square D	Y1	
Cutler Hammer	JDB	2-3	Siemens ITE	CFD6	2-3	Westinghouse	DA	
Cutler Hammer	JDC	2-4	Siemens ITE	CFD6-ETI	2-3	Westinghouse	DK	
Cutler Hammer	KD	2-4	Siemens ITE	CJ3		Westinghouse	FP	3
Cutler Hammer	KDB	2-4	Siemens ITE	CJD6	2-3	Westinghouse	GR	3
Cutler Hammer	KDC	2-4	Siemens ITE	CJD6-ETI	2-3	Westinghouse	HKD	3
Cutler Hammer	LA	2-3	Siemens ITE	CLF	2	Westinghouse	HLA	
Cutler Hammer	LH	3	Siemens ITE	FD6A	2-3	Westinghouse	HLB	
Cutler Hammer	LHB	3	Siemens ITE	FJ2-B	2-3	Westinghouse	HMC	
Cutler Hammer	MA	2-3	Siemens ITE	FJ3	2	Westinghouse	JA	
Cutler Hammer	MC	2-3	Siemens ITE	FJ6	2	Westinghouse	JB	3
Cutler Hammer	ND	2-4	Siemens ITE	FXD6A	2-3	Westinghouse	JD	2-4
Cutler Hammer	NDC	2-4	Siemens ITE	FXD6-ETI	2-3	Westinghouse	JDB	3
Cutler Hammer	OPTIM	3	Siemens ITE	HFD6	2-3	Westinghouse	KA	3
Fed. Pacific Elec	NA-single	3	Siemens ITE	HFXD6	2-3	Westinghouse	KB	
Fed. Pacific Elec	NJJ	1-3	Siemens ITE	HHFD6	2-3	Westinghouse	LA	3
Fed. Pacific Elec	NJL	1-3	Siemens ITE	HHJD6	2-3	Westinghouse	LB	
Fed. Pacific Elec	NM	2	Siemens ITE	HHJXD6	2-3	Westinghouse	LBB	3
General Electric	EH400	3	Siemens ITE	HJD6	2-3	Westinghouse	LH	
General Electric	SGD	2-3	Siemens ITE	HJXD6	2-3	Westinghouse	MA	2-3
General Electric	SGH	2-3	Siemens ITE	JD6-A	2-3	Westinghouse	MC	2-3
General Electric	SGL	2-3	Siemens ITE	JJ3	0	Westinghouse	MCC	2-3
General Electric	SGLA	2-3	Siemens ITE	JL3	3	Westinghouse	RH	3

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

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.
--

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:

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.

Product compliance information is based upon information provided by suppliers of the raw materials used by Brady to manufacture this product or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, Brady makes no independent representations or warranties, express or implied, and assumes no liability in connection with the use of this information.

WARRANTY

Brady products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Brady warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Brady's satisfaction to have been defective at the time Brady sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on Brady's part. Under no circumstances will Brady be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Brady's products.

Copyright 2019 Brady Worldwide, Inc. | All Rights Reserved
Material may not be reproduced or distributed in any form without written permission.

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