BRADY
WHEN PERFORMANCE MATTERS MOST™

Technical Data Sheet

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)

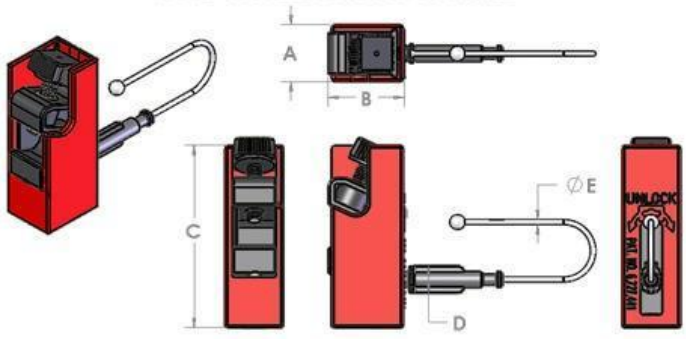
Chemical Resistance

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

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

Dimensions

NOTE: CABLE LENGTH NOT TO SCALE.



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]

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.

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

• Be cautious of hot melted Nylon	• Use water spray to cool fire, exposed surfaces, and to protect personnel
• Isolate product from fire	• Respiratory and eye protection is required for fire fighting personnel
• Extinguish fire with water spray	• 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:

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