

# **TECHNICAL DATA SHEET**



Catalog #: 149514, 149515

www.bradyid.com

# Miniature Circuit Breaker Lockout - Universal Fit

#### Design

- One lockout device fits numerous ABB, Hager,
   Siemens and Schneider mini-circuit breakers
- Low-profile design allows for panel door closure
- Complete lockout by attaching a Brady safety padlock with shackle diameter up to 9/32"
- Quick and easy installation with no tools required
- Works on both single- and multi-pole breakers
- Made from durable, fiberglass reinforced nylon
- Available in single and six (6) packs

#### **Material**

- Body: Glass Filled Nylon
  - Color: Black
- Cover: Glass Filled Nylon
  - Color: Red (PMS 1805C)
- Thumbwheel: Glass Filled Nylon, Stainless Steel
   Color: Black
- Spring: Music Wire Steel
- UL Rating: UL94 HB Rating

#### **Temperature Range**

Glass Filled Nylon: -20° to 120°C (-4° to 250°F)

#### **Chemical Resistance**

If desired, list all approved chemicals based on the manufacturer's specified chemical resistance chart for component materials. See table at right with sample chemicals and temperatures:

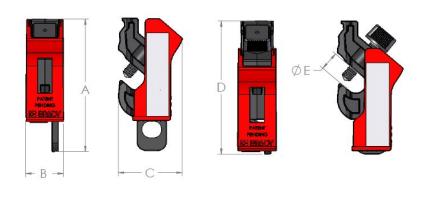
#### **Dimensions**

List dimensions with appropriate labels:

"A"	-	2.39" [60.7 mm]
"B"	-	0.68" [17.2 mm]
"C"	-	1.15" [29.2 mm]
"D"	-	2.39" [60.7 mm]
"E"	ı	0.34" [8.60 mm]



Chemical	°C	Chemical	°C						
Acetone	25	Petroleum	25						
Acetone	60	70 Turpentine oil							
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	etc.	XX						



#### 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.

# **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, and 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
<ul> <li>Isolate product from fire</li> </ul>	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

Ī	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							

#### 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

# Twój dystrybutor marki Brady:



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