

How to Read an Incident Energy Analysis Label

Labels are based on IEEE 1584 calculations. It is recommended that all electrical equipment be locked out or tagged out, and verified that zero energy is present before any servicing takes place. Only an Electrically Qualified Worker shall work on electrical equipment. PPE, Gloves, and Insulated Tooling Shall be inspected before

ARC FLASH PROTECTION INFORMATION



Orange header & the word **“WARNING”** tells you that an Arc Flash/Shock hazard is present and that PPE is required.

The **working distance** measured at 18 inches represents the minimum distance that your torso would be in relation to the exposed live parts.



Arc Flash Protection Boundary: (FPB) is defined as the distance at which a worker is exposed to 1.2 calories/cm² of incident energy or greater.

Glove Class: Is determined on the actual voltage present for the device.

PPE Level: Is the Clothing Class that identifies the Personal Protective Equipment that SHALL be worn according to the Article 130 from NFPA 70E.

 WARNING	
Arc Flash and Shock Hazard Appropriate PPE Required	
FLASH PROTECTION	
Flash Hazard at:	18 Inches
Flash Protection Boundary:	5 Feet
Glove Class:	00
PPE Level:	Level 2
SHOCK PROTECTION	
Shock Hazard with no cover:	480 VAC
Limited Approach:	42 Inches
Restrictive Approach:	12 Inches
Review Date: 07/13/2023	
 FacilityResults™	

SHOCK PROTECTION INFORMATION

 WARNING	
Arc Flash and Shock Hazard Appropriate PPE Required	
FLASH PROTECTION	
Flash Hazard at:	18 Inches
Flash Protection Boundary:	5 Feet
Glove Class:	00
PPE Level:	Level 2
SHOCK PROTECTION	
Shock Hazard with no cover:	480 VAC
Limited Approach:	42 Inches
Restrictive Approach:	12 Inches
Review Date: 07/13/2023	
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Shock Protection information is based on the voltage of the energized circuit.

Shock Hazard: with no cover, highest voltage present for the equipment.

Limited Approach: Qualified or Unqualified Persons – PPE Required
Unqualified Person accompanied by Qualified Person with stated PPE.

Restricted Approach: Qualified Persons Only – PPE Required.

Review Date: Labels need to be updated. Review required when renovations are made and not to exceed five years.