Manuals+

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POWER LAB RPL00 Power Fuse Switch

Specifications

- Product Name: Power LAB RPL00 Fuse Enclosures
- Applications: AC & DC

- Fire Resistance Class: V0
- Quick Installation with Compact Design
- Safety Features Included
- Flexible Adjustment for Various Needs
- Cost Savings in Operations

Product Usage Instructions

Installation:

1. Ensure the power source is disconnected before installation.
2. Mount the RPL00 fuse enclosures securely in the designated location.
3. Connect the appropriate cables to the insert size specified for your application.

Adjustment:

1. Use the flexible adjustment features to customize the settings according to your requirements.
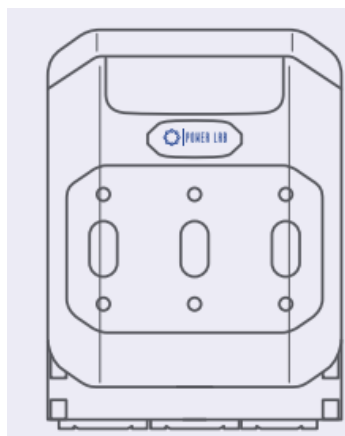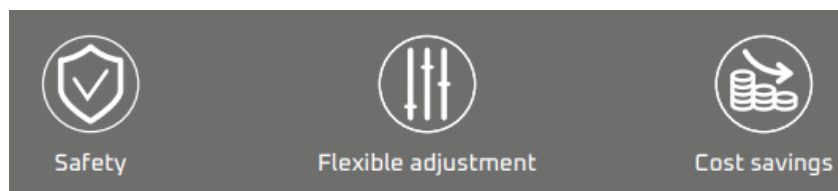2. Follow the provided guidelines for safe and efficient adjustment.

Maintenance:

1. Regularly inspect the fuse enclosures for any signs of damage or wear.
2. Replace fuses as needed to ensure optimal performance.

RPL00 fuse enclosures

- AC&DC applications
- V0 fire resistance class
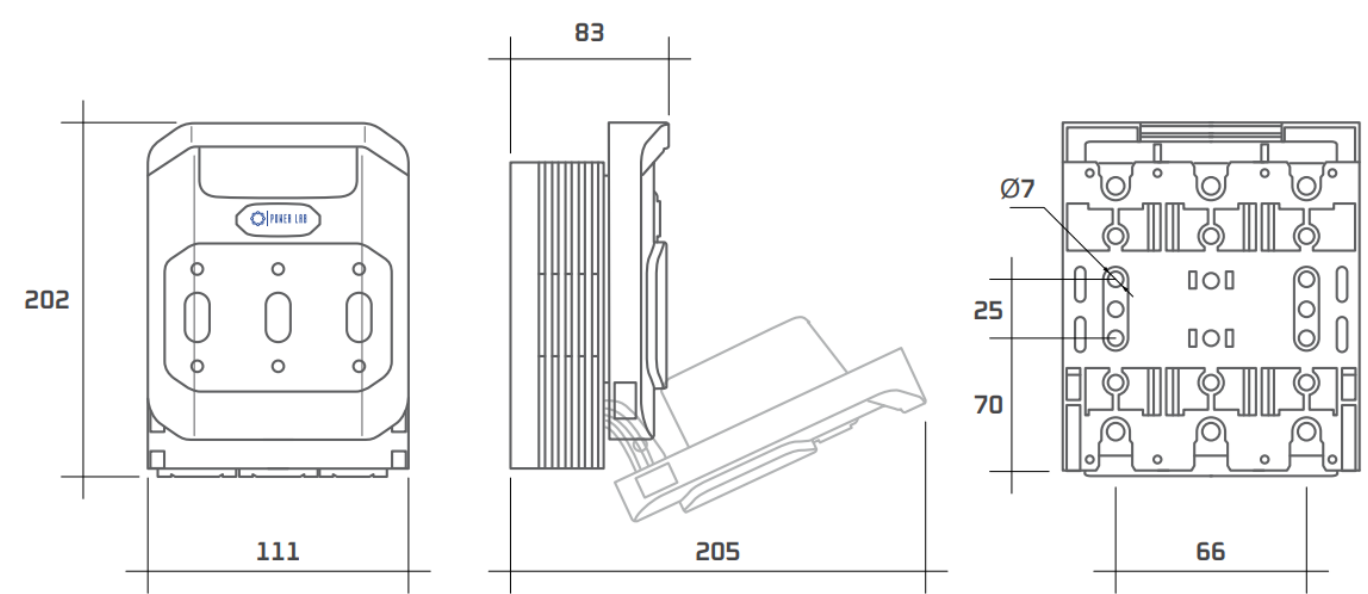- Quick installation
- Compact design

Safety   Flexible adjustment   Cost savings

RPL00

Insert size	NH00	
Rated voltage Ue [V]	AC380	AC660
Rated current Ie [A]	160	100

Rated thermal current Ith [A]	160	100
Rated short-time withstand current [kA]	100	50
Rated insulation voltage Ui [V]	800	
Rated impulse withstand voltage Uimp [kV]	8	
	AC-23B	
Service category	AC-22B	
	AC-21B	
	AC-20B	
Electrical life [cycles]	200	

Dimensions [mm]

Safety Guidelines

1. **Proper Fuse Selection & Installation**
   - Use only the correct type and rating of fuse for both AC and DC circuits. An appropriately rated fuse ensures reliable over-current protection and helps prevent fires or equipment damage.
2. **Ensure Fire Resistance**
   - The RPL00 is built with V0 flame-retardant materials, meaning it is designed to resist ignition and minimize fire risk—make sure the device remains intact and undamaged.
3. **De-Energize Before Handling**
   - Always disconnect power before installing, adjusting, or servicing the fuse switch to avoid shock hazards and ensure you're safe during handling.
4. **Observe Load Limits**
   - Understand and respect the switch's voltage, current, and power limits. Exceeding these thresholds can cause overheating, fuse degradation, or catastrophic failure.
5. **Proper Mounting & Ventilation**
   - Install the switch in a secure, stable location away from moisture and combustible materials. Ensure adequate ventilation to prevent heat build-up and monitor for signs of wear or loose connections.
6. **Regular Inspection and Testing**
   - Periodically check for signs of damage—such as cracks, discoloration, or heating—and test the electrical circuit with appropriate safety tools. Replace fuses or components as needed.
7. **Professional Intervention for Faults**

   If you notice any irregular behavior like frequent fuse blowing or electrical arcing, seek help from a qualified technician rather than attempting DIY fixes, especially if the root cause is unclear.

Contact

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FAQs

Q: What are the rated voltage and current specifications for the RPL00 fuse

enclosures?

A: The rated voltage is AC380V and AC660V, with rated currents of 160A and 100A, respectively.

Q: Are the fuse enclosures suitable for both AC and DC applications?

A: Yes, the RPL00 fuse enclosures are designed for use in both AC and DC applications.

Documents / Resources

[POWER LAB RPL00 Power Fuse Switch](#) [[pdf](#)] Instructions
RPL00, NH00, RPL00 Power Fuse Switch, RPL00, Power Fuse Switch, Fuse Switch, Switch

References

- [User Manual](#)

📁 POWER LAB   🏷 Fuse Switch, NH00, Power Fuse Switch, Power Lab, RPL00, RPL00 Power Fuse Switch, switch

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