

C~CAN

RAILWAY *Power Systems* Switching Applications



RLW 124 RLW 125 - 125VDC
RLW 126 RLW 127 - 24VDC

Specifications

MODEL CAPACITIES:

125VDC

RLW 124 10A continuous duty.

RLW 125 25A continuous duty.

24VDC

RLW 126 10A continuous duty.

RLW 127 25A continuous duty.

PROTECTION:

Input and Output breakers. Input transient suppression, output electronic current limit to 100% of rated output.

STATUS & CONTROLS:

Digital metering, AC fail, rectifier fail, high volts, low volts.

ALARM CONTACT:

Form 'C' for normally open or normally closed indication.

Triggered by – rectifier fail, high volts, low volts or AC power off.

WARRANTY:

Comprehensive 12 month.

The RLW series are self-contained power units for 125VDC switch machines.

Features

- **Continuous rated** – will operate switches without batteries.
- **Compact** - wall mounting frees floor space.
- **Various Battery configurations** – sized to suit application.
- **Temperature compensation** - for extended battery life.
- **Ease of installation** - Full front accessible terminal block.

In response to industry requests C-Can has expanded the RLW 100 series with two new models featuring higher output currents to allow switch machine operation whenever AC power is on, even with the batteries removed or in a fully discharged state.

Related Products



- Communication power systems.
- Battery systems.
- Railway signaling chargers.



Technical Data

Model	RLW124(125V)	RLW125(125V)	RLW126(24V)	RLW127(24V)
Input				
Voltage:	115/240 VAC	115/240 VAC	115/240 VAC	115/240 VAC
Phase:	Single	Single	Single	Single
Frequency:	60 Hz	60 Hz	60 Hz	60 Hz
Protection:	Breaker	Breaker	Breaker	Breaker
Output				
Current:	10 Amps	25 Amps	10 Amps	25 Amps
Regulation line:	.1% for +/-10%	.1% for +/-10%	.1% for +/-10%	.1% for +/-10%
Regulation load 0-100%:	+/-1%	+/-1%	+/-1%	+/-1%
Protection:	Breaker	Breaker	Breaker	Breaker
Battery				
Battery Type:	Optional	Optional	Optional	Optional
Battery Mounting: WxDxH	External	External	External / Internal	External / internal
Physical				
Dimensions: WxDxH	17.25"x10"x19.25"	17.25"x10"x19.25"	17.25"x10"x19.25"	17.25"x10"x19.25"
Temp. - Operating:	-40 to +70 Deg C	-40 to +70 Deg C	-40 to +70 Deg C	-40 to +70 Deg C
Cabinet Type:	Wall mount	Wall mount	Wall mount	Wall mount
Mounting Option:	Rack mount	Rack mount	Rack mount	Rack mount
Rectifier Design:	SCR	SCR	SCR	SCR
Weight:	100Lbs	155 Lbs	60Lbs	100 Lbs
Connections				
Input:	Terminal block	Terminal block	Terminal block	Terminal block
Output:	Terminal block	Terminal block	Terminal block	Terminal block

Specifications subject to change without notice.



ISO 9001 Registered

rail 1049 rev 4 (09/05) pg.2

C~CAN

C-Can Power Systems Inc.
38 Commerce Crescent
Acton, Ontario, Canada L7J 2X3
Phone: (519) 853-4000
Toll Free: (800) 461-7017
Fax: (519) 853-3166
Web site: www.c-can.com
E-mail: info@c-can.com