



8 Series

High-Voltage Power Supply Module Options

Technical Note

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Overview

8 Series relays can be ordered with one of two of the following high-voltage power supply options:

- Option **'H'** – Hi-voltage AC/DC
- Option **'R'** – Hi-voltage AC/DC with extended ride-through

8S-PS-R – Users can change the power supply type from option **'H'** to option **'R'**, provided that the relay meets minimum firmware version requirements. Before ordering the **8S-PS-R** spare part module, check each 8 Series relay for compatibility as described in the next section.

8S-PS-H – Users can change the power supply type from option **'R'** to option **'H'**. This change does not have a minimum firmware requirement, thus no compatibility check is required.

A relay order code change is required when the power supply is changed to a different type. Contact the factory for the order code update procedure.

The 8 Series Power Supply Modules can be ordered from GE Grid Solutions at the following link:

<https://store.gegridsolutions.com/ViewProduct.aspx?Model=8S-PS>

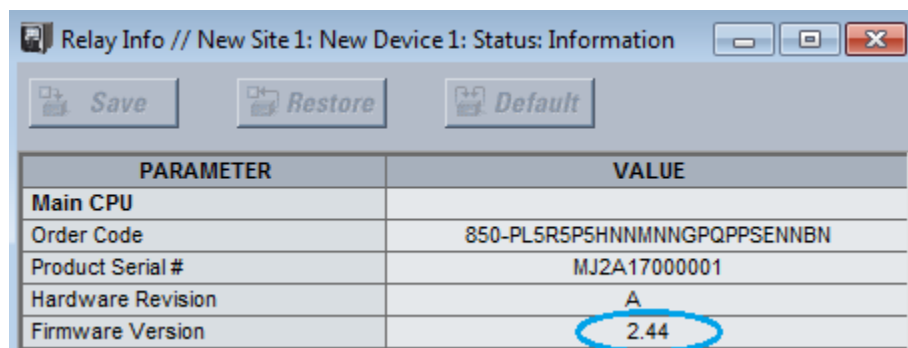
Option H to R compatibility check

To change an 8 Series Power Supply module from option 'H' to option 'R', confirm that the 8 Series relay has firmware version 2.32 or higher.

1. Check that the firmware is version 2.32 or higher as follows.

Read the **Firmware Version** value on the front panel at **STATUS > INFORMATION > MAIN CPU > Firmware Ver.** or in the EnerVista 8 Series Setup software at **Status > Information > Relay Info > Firmware Version**.

Figure 1: Firmware version 2.44 in the EnerVista 8 Series Setup software



PARAMETER	VALUE
Main CPU	
Order Code	850-PL5R5P5HNNMNNGPQPPSENNBN
Product Serial #	MJ2A17000001
Hardware Revision	A
Firmware Version	2.44

2. If the firmware is not compatible (firmware version lower than 2.32), follow the Upgrading Relay Firmware instructions in the 8 Series instruction manual.
3. If the firmware is compatible (firmware version 2.32 or higher), order the 8S-PS-R spare part module, and contact the factory for the order code option update procedure.

Summary

Power supply module replacement	Hardware revision	Firmware revision	Action
From 'H' to 'R'	Any	<2.32	Update firmware, then continue with replacement procedure
		≥2.32	Continue with replacement procedure
From 'R' to 'H'	Any	Any	Continue with replacement procedure
Swap with same module type (H to H, R to R)	Any	Any	Ready to swap module immediately

For further assistance

For product support, contact the information and call center as follows:

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