

HR1S Series Product Discontinuation

1. Discontinued models

With the release of the HR6S Series Safety Relay Module, the current HR1S Series will be discontinued effective immediately except for model HR1S-AC. IDEC will continue to accept orders until remaining stock is depleted.



2. Replacement models

HR6S is the direct replacement for HR1S. For replacement part numbers, see the Cross Reference below.

Products to be discontinued	Replacements
HR1S-AF5130□B	HR6S-AF1△
HR1S-AK311144□	HR6S-AK1△
HR1S-AK351144□	-
HR1S-ATE5110□	HR6S-AT1△
HR1S-DMB1132□	HR6S-S1△
HR1S-DME1132□	HR6S-DN1△
□: Terminal block None: Screw (integrated) P: Screw (removable)	△: Terminal block C: Push-in (removable) P: Screw (removable)

3. Replacement details (enhanced features of HR6S)

HR6S Series offers a safety relay module with advanced diagnosis functions and status output to respond to the needs of IoT and allow for improved productivity, convenience, and maintainability in factories. The following functions are enhanced compared with HR1S.

• Status output by pulse signals

Short circuit, synchronous status, voltage fluctuation, and other input statuses can be monitored, and the status output by pulse signals, which is useful for preventive maintenance.

• Enhancement of status display by LED

Number of LED indicators are increased, and more detailed information can be visually confirmed.

• Various input devices

A variety of input devices can be used with a single model. Input device can be selected by dial: Emergency stop switch, interlock switch, OSSD device, non-contact interlock switch, and others.

- **Various start modes**

8 modes available in a combination of functions: Manual/automatic start, Monitored start, Start-up test, and Dynamization. Mode can be selected by dial.

- **Addition of push-in terminal**

In addition to screw terminal blocks, push-in terminal blocks will be available. Both terminal blocks are removable.

- **Improvement of safety functions**

PFH_D has been improved.

For delay type, off-delay output complies with category 4, PLe, and SIL3.

For any questions or concerns, please visit us online at us.idec.com or email support@idec.com.