

1<sup>st</sup> December 2025

## Announcement of Product Change for Hirschmann Product Families Rail Switch Power (RSP) and Rail Switch Power Expandable (RSPE) (Version 2)

Dear Valued Customer,

In order to meet the latest market and technology trends, Belden is constantly developing innovative and high-quality products and variants that complement and optimize our existing portfolio. Every product has a defined life cycle and our products are typically characterized by a very long availability on the market. However, product changes become inevitable over a period of time. For example, components in these products may be difficult to obtain or may no longer be available on the market or need to adopt to new market requirements.

This announcement informs you about the changes of hardware revision for some of the Hirschmann Networking devices below. Due to a discontinuation, we had to replace a physical Layer (PHY) component which affects the software version being able to run on these devices. This hardware change does not affect any technical data like temperature range, shock and vibration resistance and EMC.

**PCN No:** PCN-2025-12-01**Change Title:** Hardware change of the Hirschmann RSP & RSPE**Product Category:** RSP & RSPEChange Classification: \_\_\_ Minor ☒ MajorChange Item: \_\_\_ Design ☒ Raw Material \_\_\_ Packaging ☒ Firmware \_\_\_ Others**Product Category:** Industrial Networking → Hirschmann RSP & RSPE**Affected Products:**

Article No.	Product Descriptions
942053xxx	RSP
942084xxx	RSPE

**Details of change(s):**

The existing PHY in RSP and RSPE family is being replaced with a new PHY IC. The updated PHY works mostly on similar parameters to the existing RSP and RSPE families. However, there are couple of changes in RSP and RSPE due to this new PHY IC which are as follows:

1. The cable diagnostic feature will not be available on RSP HW Rev.4 & RSPE HW Rev.3.
2. TSN feature won't be available on the RSPE HW Rev.3.

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Existing hardware revisions are not impacted by this PCN and will follow the standard firmware upgrade procedures. For more details, please refer to release map on [www.doc.hirschmann.com/releasemap.html](http://www.doc.hirschmann.com/releasemap.html).

New Hardware Revision	Minimum HiOS Version Possible
RSP HW Rev.4	10.3.03
RSPE HW Rev.3	10.3.05

Any downgrade below these HiOS versions is not possible for these new hardware revisions.

#### Impact of Change(s):

**Form:** no affect | **Fit:** no affect | **Function:** no cable diagnostic feature available | **Reliability:** no affect | **Others:** no affect | **Firmware:** different HiOS versions for different HW revisions.

#### Implementation Plan:

Implementation Plan	Date
Date of Communication	December 2025
Starting Date of Implementation RSP	January 2026
Starting Date of Implementation RSPE	February 2026

#### Comments:

The original specification is not affected by the forthcoming changes. There is no change in the conventionally intended usability.

#### Actions:

Please forward this important information to your customers. Also, please inform your purchasing, development, product departments, and other responsible persons effected by this change.

Distributors are advised to forward this information to their customers who are buying the listed products.


Thank you very much for your trust in our company and if you have any questions or remarks, please contact your local Belden sales representative.

Sincerely,

Hirschmann Automation and Control GmbH

  
i.V. Sebastian Preiss

Product Line Manager Switches

  
i.A. Abdul Wahab

Product Manager

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