HIMA F8628X

PROFIBUS-DP Communication Module

PROFIBUS-DP communication option for the H41q/H51q central rack. The module is integrated through its CPU-side slot and the validated bus configuration.

Identity and capability

Fieldbus	PROFIBUS-DP
Host systems	H41q / H51q
H41q option capacity	One option per central module
H51q option capacity	Maximum 5 communication modules per central module
H51q positions	10-14 or 17-21

Integration and service

Mixed communication options	Permitted in the H51q option area
Redundant deployment	Matching type in corresponding option positions
Startup check	Operating-mode switch settings
Removal dependency	Associated CPU removed before the option

Central CPU and resource → **F8628X PROFIBUS-DP option** → **Configured fieldbus data exchange**

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Engineering distinctions

Bus identity vs module identity

Keep the complete F8628X marking separate from the PROFIBUS station assignment. Replacing hardware does not authorize changing the bus design.

Mixed option area

Ethernet and PROFIBUS types may share the H51q communication area, within the total capacity. Preserve the actual slot map.

Paired type

For a redundant H41q arrangement the options must be the same type. Do not assume a neighboring communication module is an equivalent partner.

Functional acceptance

The approved mapped exchange must be witnessed. A correctly seated module or restored bus cable is only a prerequisite.

Required integration outcomes

Subject	Required outcome
Option position	Allowed position and CPU association agree with the plan
Redundant type	Same type and corresponding positions where required
Mode settings	Retained operating-mode settings are restored
Mapped exchange	Expected data is observed at the intended peers
System state	No unresolved diagnostic remains in the accepted operating state

Use the approved site procedure for trip thresholds, hazardous-area approval and permission to work. This dossier does not assign plant-specific limits.

Applied engineering case

Adding a PROFIBUS option to an existing mixed H51q rack requires an inventory of the whole option area. Count occupied communication positions for the associated CPU before assigning a new slot; a free-looking position may already belong to a different planned resource.

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Technical reference record

H41q/H51q System Catalogue, HI 800 263 E

PDF pp. 18, 33, 36, 45, 52; PROFIBUS-DP slot, replacement and startup rules

Companion reading

The preserved manufacturer excerpt supplies the original technical listing and system context. The separate installation guide covers the ordered work sequence, commissioning evidence and fault checks.

Related Apter Power catalog references

Catalog navigation only. These entries do not establish compatibility, substitution or approval of a changed installation.

HIMA F7541 | View HIMA F7541 page

HIMA Z7138 | View HIMA Z7138 page

HIMA Z1006 | View HIMA Z1006 page

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Send the exact model, quantity and requested condition for a quotation.

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