HIMA F6706

2-Channel Analog Output Module

A two-channel analog current-output module. The field load, current command and wiring arrangement must be restored as one loop rather than treated as a generic digital-output exchange.

Identity and capability

Output channels	2
Catalogue current span	0-20 mA
Output class	Analog current
System catalogue	H41q/H51q I/O portfolio

Integration and service

Slot detection	Present
Lifecycle reference	Alternative for selected F6701 and F6703 installations
Lifecycle pin compatibility	No for the listed alternatives
Legacy restriction	F6703 row excludes a replacement for the 6 HE arrangement

Configured analogue command → **F6706 two-channel current output** → **Assigned field load and process response**

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Engineering distinctions

Command vs loop result

Verify the applied command and measured field current together. A control value on the screen does not prove current through the intended load.

Scaling continuity

Keep the installed engineering range and action direction. Restoring the module does not authorize changing output scaling or a valve/drive response.

Legacy migration

The lifecycle list names F6706 as an alternative but marks no pin compatibility. An older F6701/F6703 circuit needs a separate wiring and assembly review.

Process isolation

An analog output test can move a final element. Establish a permitted test condition before applying any simulated command.

Required integration outcomes

Subject	Required outcome
Loop identity	Each output reaches the correct field load
Command scaling	Retained engineering range and action are restored
Current response	Measured output follows approved test points
Process response	Final element behaves as authorized in the test
Legacy conversion	Any alternative use has a reviewed wiring/assembly plan

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

For a migrated F6701 or F6703 installation, the lifecycle alternative is a starting point for engineering review rather than a plug-in instruction. Reconcile wiring and assembly restrictions first; only then test the command, measured current and final-element response.

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Technical reference record

H41q/H51q System Catalogue, HI 800 263 E

PDF pp. 34, 44-46, 54; current-output row and I/O testing

List of discontinued products, Rev. 18

PDF p. 4; F6701/F6703 alternatives and restrictions

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 F6705 | View HIMA F6705 page

HIMA F3422 | View HIMA F3422 page

HIMA F3423 | View HIMA F3423 page

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

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