HIMA F6706

2-Channel Analog Output Module

01 / PREPARATION AND PHYSICAL WORK

This field guide organizes the work for HIMA F6706. It is an Apter Power engineering aid, not a substitute for the applicable operating manual or the approved plant work procedure.

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

Preparation decisions

01 / Capture both output loops

Retain each load identity, command scaling, conductor polarity, supply arrangement and expected process effect.

02 / Prepare the final element

Obtain the approved isolation or manual state so output testing cannot cause an unintended plant action.

Baseline to compare before disturbance

Check	Baseline / acceptance evidence
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

03 / Withdraw and preserve the plug

Use the I/O removal sequence, retaining the allocated cable plug and all loop labels.

04 / Check external circuits

Inspect for impermissible voltage and wiring faults. Disconnect cable ends before insulation tests rather than testing through the output electronics.

HIMA F6706

2-Channel Analog Output Module

05 / Restore the module before cabling

Fix the module, reconnect and secure its allocated plug, then refresh the applicable central display with ACK.

06 / Measure commanded response

Use approved test commands and record measured current and final-element response for both used outputs before release.

Commissioning and fault-isolation logic

Run the approved test with the process in its permitted state. The expected result is the recorded acceptance condition below; no additional trip thresholds or test voltages are inferred by this guide.

Test subject	Expected evidence	If the check fails
Loop identity	Each output reaches the correct field load	Resolve a destination mismatch before testing.
Command scaling	Retained engineering range and action are restored	Correct configuration under change control.
Current response	Measured output follows approved test points	Trace supply, load and wiring separately.
Process response	Final element behaves as authorized in the test	Keep the process isolated if response differs.
Legacy conversion	Any alternative use has a reviewed wiring/assembly plan	Do not assume pin compatibility from the alternative name.

Retain both the test stimulus and the observed response. Keep unsuccessful results and diagnostic messages in the work record; record the final successful test separately after the cause is resolved.

HIMA F6706

2-Channel Analog Output Module

As-left configuration	Exact module identity, occupied position and restored connection or project assignment.
Functional evidence	Results for the model-specific test subjects on page 2, including any corrected fault.
Release decision	Responsible engineering review and the approved return-to-service state; unresolved exceptions remain on hold.

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

Related Apter Power catalog references

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

HIMA F3423 | View HIMA F3423 page

HIMA F3422 | View HIMA F3422 page

HIMA F6705 | View HIMA F6705 page

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

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

F6706