HIMA H7015A

Vario Plug Terminal Module

01 / PREPARATION AND PHYSICAL WORK

This field guide organizes the work for HIMA H7015A. It is an Apter Power engineering aid, not a substitute for the applicable operating manual or the approved plant work procedure.

Labelled field conductors → **H7015A terminal interface** → **Documented H7016/H7018 connection arrangement**

Preparation decisions

01 / Capture the terminal map

Record every used conductor, plug orientation, shield termination and the identity at the far end of the cable.

02 / Establish the connected-circuit boundary

Identify the I/O circuits and supplies carried by the termination before disconnecting any connector.

Baseline to compare before disturbance

Check	Baseline / acceptance evidence
Mating interface	Connector designation and orientation agree
Endpoint identity	Cable connects the intended terminal assemblies
Conductor path	Each labelled circuit follows its retained mapping

03 / Release and protect connections

Follow the applicable connector procedure, retain labels and protect disconnected contacts from contamination and ESD exposure.

04 / Check code and companion identity

Verify the Vario/ELCO Code 1-1 interface and the documented H7016/H7018 arrangement; confirm BV7201 when used for H7018.

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05 / Restore the original conductor path

Reconnect to the retained terminal map without using predecessor pin assumptions. Restore shielding according to the circuit design.

06 / Test end to end

Verify point-to-point continuity using an approved method, then exercise the connected channels and record the observed field-to-system path.

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
Mating interface	Connector designation and orientation agree	Do not force or adapt a mismatched interface.
Endpoint identity	Cable connects the intended terminal assemblies	Correct a wrong endpoint before energization.
Conductor path	Each labelled circuit follows its retained mapping	Trace every affected connection.
Shielding	Shield termination follows the circuit design	Resolve missing or unintended earth connections.
Channel behavior	Connected I/O responds through the intended terminal path	Hold release until both wiring and functional checks agree.

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.

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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. 41, 44-46, 51-52; wiring practices and BV7201/terminal listing

Technical Product Overview

Terminal modules: H7015A, ELCO 8016 Code 1-1

List of discontinued products, Rev. 18

PDF p. 6; H7015 to H7015A compatibility distinction

Related Apter Power catalog references

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

HIMA K1409 | View HIMA K1409 page

HIMA K7214 | View HIMA K7214 page

HIMA F7105A | View HIMA F7105A page

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

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