

IIMCL01 field workflow

Identity, safe replacement and controlled acceptance

01 / Establish exact identity

Confirm the complete model, article identity where present, product family and recorded installed-system position.

02 / Capture the as-found state

The as-found cable medium, loop direction, shield termination, jumper pattern and power-source selection define the working installation. Record them before removal and verify each restored communication path separately.

03 / Control the process

Place the operator station and every network-dependent control function in the approved maintenance state.

04 / Prove the restored function

Release IIMCL01 only after both installed communication paths meet the approved OIS acceptance record.

Before removal

Eight exact-model checks that form the maintenance hold point

CHECK 1	Confirm the exact IIMCL01 marking, revision and documented Multibus card-cage position.
CHECK 2	Place the operator station and every network-dependent control function in the approved maintenance state.
CHECK 3	Photograph both loop terminal blocks, shields, ribbon cables and all jumper positions before removal.
CHECK 4	Label loop 1 and loop 2 input and output conductors so their directions cannot be exchanged.
CHECK 5	Set J1-J6 only for the documented coaxial or twinaxial cable used by the installed highway.
CHECK 6	Restore J7 to the recorded local or remote DC-power selection and reconnect the correct IIMLM01 cables.
CHECK 7	Check continuity, shielding, station diagnostics and controlled network traffic on each loop after installation.
CHECK 8	Release IIMCL01 only after both installed communication paths meet the approved OIS acceptance record.

Installation sequence

Restore the documented hardware, wiring and configuration boundaries

1. Inspect identity and condition

Check the exact model marking, connectors, terminals and service condition before the component enters the controlled installation area.

2. Match the installed position

Use the recorded rack, node, channel or machine position; do not infer suitability from a similar front label.

3. Restore field connections

Set J1-J6 only for the documented coaxial or twinaxial cable used by the installed highway.

4. Restore configuration

Restore J7 to the recorded local or remote DC-power selection and reconnect the correct IIMLM01 cables.

5. Re-energize under control

Apply the approved plant sequence and compare initial module indications with the captured as-found record.

Commissioning and acceptance

Tests must follow the actual channel map and controlled process state

Identity	Installed model and article identity match the maintenance record.
Connections	All documented terminals, connectors and companion devices are restored.
Configuration	Recorded settings, ranges, filters or addresses are restored without borrowing nearby values.
Diagnostics	Module indication and controller diagnostics agree with the controlled test state.
Channel proof	Check continuity, shielding, station diagnostics and controlled network traffic on each loop after installation.
Process proof	Release IIMCL01 only after both installed communication paths meet the approved OIS acceptance record.
Documentation	Final identity, test results and acceptance authority are retained with the work record.
Release	The affected system returns to service only after the approved acceptance hold point.

Service record and support

Manufacturer sources, verified related pages and direct contact

MANUFACTURER EVIDENCE BASIS

- Elsag Bailey IIOIS12 Hardware Manual I-E96-107-2N
- Bailey IIOIS42 Hardware Manual WBPEEU1220754A0

External manufacturer URLs are intentionally omitted from this document.

VERIFIED RELATED ABB PRODUCT PAGES

01	ABB BC810K01 3BSE031154R1 Open verified ApterPower page
02	ABB TB811 3BSE008568R1 Open verified ApterPower page
03	ABB CI857K01 3BSE018144R1 Open verified ApterPower page
04	ABB PM866K01 3BSE050198R1 Open verified ApterPower page
05	ABB CI854AK01 3BSE030220R1 Open verified ApterPower page
06	ABB CI830 3BSE013252R1 Open verified ApterPower page
07	ABB CI840A 3BSE041882R1 Open verified ApterPower page
08	ABB CI801 3BSE022366R1 Open verified ApterPower page

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