

IIMCL01

Multibus Communication Loop Termination Module — complete exact-model product record

Product identity

ABB Bailey IIMCL01 is a Multibus communication loop termination module used in supported INFI 90 operator-interface stations. It provides the communication-highway termination and connection point between the OIS Multibus assembly and INFI-NET or Plant Loop cabling.

Engineering boundary

Jumpers J1 through J6 select the installed coaxial or twinaxial cable type, while J7 selects the documented local or remote DC-power arrangement. Preserve both loop directions, shields, ribbon-cable connections and the companion IIMLM01 relationship.

CAPABILITY 1

Terminates the OIS communication-highway connection for INFI-NET or Plant Loop service.

CAPABILITY 2

Provides two loop paths with separate input, output and shield termination points.

CAPABILITY 3

Uses J1-J6 to match the installed coaxial or twinaxial communication cable.

MANUFACTURER EVIDENCE BASIS

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

External manufacturer URLs are intentionally omitted from this document.

CAPABILITY 4

Connects to the IIMLM01 loop module through the documented ribbon-cable arrangement.

Technical data matrix

Verified product parameters without trade or logistics data

Exact model	IIMCL01
Module name	Multibus Communication Loop Termination Module
System family	Bailey INFI 90 operator-interface station hardware
Communication use	INFI-NET or Plant Loop highway termination
Loop paths	Two documented communication loops

Cable selection	Coaxial or twinaxial via J1-J6
Power selection	Local or remote DC arrangement via J7
Field terminals	Loop input, output and shield conductors
Companion module	IIMLM01 loop module through ribbon cables
Backplane use	Power, ground and reset in the documented OIS assembly

Data discipline

Only exact-model manufacturer-supported parameters are included. Trade, logistics, weight and dimensional fields are intentionally excluded.

Applications and workflow

Four engineering uses paired with field-control steps

INFI-NET OIS connection

Terminates the communication-highway link between a supported operator-interface station and the INFI-NET network.

Exact identification

Confirm the exact IIMCL01 marking, revision and documented Multibus card-cage position.

Plant Loop interface

Supports the documented Plant Loop connection when the installed OIS hardware uses that communication architecture.

Maintenance state

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

Coax or twinax service

Matches the physical highway medium through the J1-J6 cable-selection jumper group.

Configuration capture

Photograph both loop terminal blocks, shields, ribbon cables and all jumper positions before removal.

Dual-loop maintenance

Maintains two loop input/output paths with their recorded shields, directions and companion IIMLM01 cables.

Independent acceptance

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

Questions and precautions

Model-specific support topics and release controls

What is ABB Bailey IIMCL01?

IIMCL01 is the Multibus Communication Loop Termination Module used in supported INFI 90 operator-interface stations.

Which networks can ABB Bailey IIMCL01 terminate?

The Bailey hardware manuals document IIMCL01 for INFI-NET or Plant Loop communication-highway service.

How many loop paths are shown for ABB Bailey IIMCL01?

The documented termination layout provides loop 1 and loop 2 input/output paths.

Which cable media can ABB Bailey IIMCL01 use?

J1 through J6 select the installed twinaxial or coaxial communication cable.

PRECAUTION 1

Confirm the exact IIMCL01 marking, revision and documented Multibus card-cage position.

PRECAUTION 2

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

PRECAUTION 3

Photograph both loop terminal blocks, shields, ribbon cables and all jumper positions before removal.

PRECAUTION 4

Label loop 1 and loop 2 input and output conductors so their directions cannot be exchanged.

PRECAUTION 5

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

PRECAUTION 6

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

PRECAUTION 7

Check continuity, shielding, station diagnostics and controlled network traffic on each loop after installation.

PRECAUTION 8

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

Sources, related products and contact

A traceable handoff for engineering review and procurement support

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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