ICRM-7

Exact-identity installation and commissioning guide

PRODUCT SCOPE

BASLER ELECTRIC ICRM-7 is an inrush-current reduction module, part number 9387900103, for compatible DECS-100 and DECS-150 excitation systems. It is rated for 9 Aac and accepts 90–277 Vac or 90–300 Vdc operating power.

Verified installation basis

Basler part number	9387900103
Product function	Inrush-current reduction module
Compatible regulators	DECS-100 and DECS-150
AC input range	90–277 Vac
DC input range	90–300 Vdc
Frequency range	DC or 50–420 Hz
Current rating	9 Aac

Verified related ApterPower product pages

BASLER DECS-250

Pre-work control

Record the installed system before any disconnection

Required checks

- Record the ICRM-7 marking and Basler part number 9387900103 before work.
- De-energize every connected source and wait at least five minutes before handling.
- Verify that the operating-power source is within the published AC or DC range.
- Map every IN and OUT conductor to the approved DECS wiring diagram before removal.
- Mount the ICRM-7 vertically with its upper and lower ventilation openings clear.
- Treat the enclosure as hot during operation and provide the required clearance.

HOLD POINT

Confirm part number 9387900103, source voltage, DECS model, wiring and vertical mounting orientation before installation.

Evidence to retain

- Complete product and installed-unit marking.
- Approved project, wiring and cabinet records.
- As-found connector, cable, address and diagnostic state.
- Acceptance plan and final results.

Verified related ApterPower product pages

Installation sequence

Use the approved manufacturer procedure and site work controls

1 IDENTIFY

Record the ICRM-7 marking and Basler part number 9387900103 before work.

2 ISOLATE

De-energize every connected source and wait at least five minutes before handling.

3 RECORD

Verify that the operating-power source is within the published AC or DC range.

4 VERIFY

Map every IN and OUT conductor to the approved DECS wiring diagram before removal.

5 INSTALL

Mount the ICRM-7 vertically with its upper and lower ventilation openings clear.

6 RESTORE

Treat the enclosure as hot during operation and provide the required clearance.

CONFIGURATION CONTROL

The ICRM-7 is inserted between the operating-power source and the compatible DECS voltage regulator to reduce startup inrush. Its three IN/OUT paths are connected to the regulator output terminals identified in the Basler manual, and the enclosure must remain vertically mounted for airflow. The module contains no user-serviceable parts and is replaced if troubleshooting confirms failure.

Verified related ApterPower product pages

Commissioning and acceptance

Return each affected function to its approved state

Identity	Record the ICRM-7 marking and Basler part number 9387900103 before work.
Configuration	Treat the enclosure as hot during operation and provide the required clearance.
Physical installation	Check each IN/OUT path and replace the module if fault testing confirms failure.
Functional acceptance	Energize under control and record stable regulator startup and acceptance results.
Diagnostics	Confirm that no unexplained product, communication or system diagnostic remains.
Release record	Document the final configuration, observed states, test results and responsible technician.

Verified related ApterPower product pages

Handover record

Traceable evidence for the installed product

Final acceptance

- Mount the ICRM-7 vertically with its upper and lower ventilation openings clear.
- Treat the enclosure as hot during operation and provide the required clearance.
- Check each IN/OUT path and replace the module if fault testing confirms failure.
- Energize under control and record stable regulator startup and acceptance results.

Manufacturer evidence used

- Basler ICRM-7 and ICRM-15 Instruction Manual, publication 9387900990, revision J.

Verified related ApterPower product pages

Talk to Apter Power

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