

APTER POWER PRODUCT REFERENCE MANUAL

CI545V01 3BSE011063R1

Advant Master AccuRay 1190 Ethernet Interface

|                  |                                                                |
|------------------|----------------------------------------------------------------|
| ENGINEERING LENS | ACCURAY ETHERNET INTEGRATION AND ARTICLE-NUMBER RECONCILIATION |
| SYSTEM           | ABB Advant Master AC 450                                       |
| SOURCE CONTROL   | Manufacturer-published information only                        |

This original Apter Power manual explains AccuRay Ethernet integration and article-number reconciliation using only the manufacturer source named inside the document.

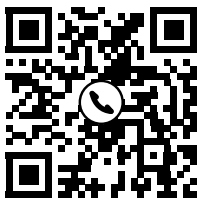
|              |                                       |
|--------------|---------------------------------------|
| Manufacturer | ABB                                   |
| Prepared by  | Apter Power                           |
| Document ID  | AP-ABB-09-CI545V01-3BSE011063R1-PM-R1 |
| Revision     | R1                                    |
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Engineering clarity for AccuRay Ethernet integration and article-number reconciliation.

WHATSAPP / PHONE +86 180 3023 5313  
EMAIL sales13@apterpower.com  
WEBSITE www.apterpower.com



SCAN FOR PRODUCT & QUOTE  
CI545V01 3BSE011063R1

# 1. Product Identity and System Role

CI545V01 3BSE011063R1 is an ABB Advant Master communication-interface identifier. ABB's official AC 450 parts material identifies CI545V01 as the AccuRay 1190 Ethernet interface and lists the related official product identifier 3BUP001191R1; the requested 3BSE011063R1 marking must therefore be reconciled with the physical label before installation.

In the documented Advant Master application, the interface exchanges Ethernet communication data between the AC 450 environment and an AccuRay 1190 system, with network addressing, cabling, firmware, and project mapping governed by the original installation records.

## Model Configuration

| Field               | Verified information                          |
|---------------------|-----------------------------------------------|
| Complete model      | CI545V01 3BSE011063R1                         |
| Manufacturer        | ABB                                           |
| Product description | Advant Master AccuRay 1190 Ethernet Interface |
| System              | ABB Advant Master AC 450                      |

## Product-Specific Design Focus

AccuRay Ethernet integration and article-number reconciliation

## 2. Technical Specifications and Evidence Boundary

Only values supported by the named ABB source are stated. Where the complete ordering code is absent from public data, the field is explicitly marked for verification.

| Parameter                                       | Verified value                                          |
|-------------------------------------------------|---------------------------------------------------------|
| Manufacturer                                    | ABB                                                     |
| Module                                          | CI545V01                                                |
| Published function                              | AccuRay 1190 Ethernet interface                         |
| System context                                  | Advant Master AC 450                                    |
| Published ABB identifier in reviewed parts list | 3BUP001191R1                                            |
| Requested marking                               | 3BSE011063R1 - verify from nameplate and exact document |

### Evidence Note

Use the complete CI545V01 3BSE011063R1 identity. ABB lists CI545V01 in heritage Advant Master parts and current connected-product material. Confirm service and replacement options for the exact physical revision. Values not published in the cited ABB source are intentionally not inferred.

## 3. Functions, Applications and Matched Components

### Core Functions

- In the documented Advant Master application, the interface exchanges Ethernet communication data between the AC 450 environment and an AccuRay 1190 system, with network addressing, cabling, firmware, and project mapping governed by the original installation records.
- Preserves the documented role within ABB Advant Master AC 450.
- Supports model-specific engineering review without substituting unverified third-party data.

### Application Areas

| Application                      | System role                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ABB Advant Master AC 450         | Maintains the documented AccuRay Ethernet integration and article-number reconciliation role in a correctly matched installation.                             |
| Process and machine automation   | Supports the control, communication, power, safety, measurement, or protection duty stated in the official source for this exact or verified family identity. |
| Lifecycle-controlled maintenance | Requires complete-code, nameplate, host-system, and project verification before replacement or recommissioning.                                               |

### Compatible Components

- ABB Advant Master AC 450 hardware configured for CI545V01
- AccuRay 1190 Ethernet equipment and network components documented for the plant
- Matching firmware, communication database, rack, and cabling

### Lifecycle Status

ABB lists CI545V01 in heritage Advant Master parts and current connected-product material. Confirm service and replacement options for the exact physical revision.

## 4. Installation Precautions

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- Match every character of CI545V01 3BSE011063R1 to the physical nameplate before work.
- Use the exact ABB manual, wiring drawing, and safety instructions for the installed revision.
- De-energize and apply the required lockout, discharge, ESD, and stored-energy controls before removal.
- Back up firmware, parameters, controller project, calibration, and network settings where applicable.
- Verify supply, signal type, polarity, grounding, shielding, connector pinout, load, and environmental limits.
- Commission with the manufacturer test procedure and record results before returning equipment to service.

DECISION GATE - Verify before installation

Use the complete CI545V01 3BSE011063R1 identity. ABB lists CI545V01 in heritage Advant Master parts and current connected-product material. Confirm service and replacement options for the exact physical revision. Values not published in the cited ABB source are intentionally not inferred.

Controlling records: physical nameplate, current ABB document, and host-system drawings.

## 5. Official Source and Use Notice

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### Official manufacturer source

ABB Advant Master AC 450 / MOD 300 spare-parts document 4HZG000081 and ABB connected-products notice 7PAA021740.

<https://library.e.abb.com/public/65fd01d9592c4ac09ff7f4b88c67adc7/ADVANT%20Master%20AC%20450%20-%20ADVANT%20MOD%20300%20AC%20460%20Limited%204HZG000081%20A.pdf>

### Apter Power product page

<https://www.apterpower.com/ABB/ci545v01-3bse011063r1>

### Use Notice

This is an original Apter Power model-specific reference prepared from the ABB source named above. It is not a ABB publication and does not replace the original data sheet, nameplate, certificate, installation drawing, safety instructions, or machine-builder documentation.

### ASK FOR QUOTE

For availability and a model-specific quotation, visit [www.apterpower.com](http://www.apterpower.com) or contact [sales13@apterpower.com](mailto:sales13@apterpower.com).