

# IEMMU01

## INFI 90 Module Mounting Unit

The Elsasg Bailey IEMMU01 is a Module Mounting Unit in the INFI 90 AC modular power and control-system architecture. It provides mechanical housing, power connections and signal interconnections for power-supply and process-control modules.

|                     |                              |
|---------------------|------------------------------|
| Manufacturer        | ABB / Elsasg Bailey          |
| Complete model      | IEMMU01                      |
| Product description | INFI 90 Module Mounting Unit |
| Prepared by         | Apter Power                  |
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IEMMU01

# 1. Product overview and identity

The Elsas Bailey IEMMU01 is a Module Mounting Unit in the INFI 90 AC modular power and control-system architecture. It provides mechanical housing, power connections and signal interconnections for power-supply and process-control modules.

## System function

The mounting unit supports and interconnects installed modules in the cabinet. It distributes the system power rails and module signals through the documented backplane arrangement; it does not itself measure or drive process signals.

## Verified technical information

| Parameter                         | Verified value                                            |
|-----------------------------------|-----------------------------------------------------------|
| Product                           | IEMMU01 Module Mounting Unit                              |
| System                            | INFI 90 AC Modular Power System                           |
| Primary role                      | Housing, power connections and module signals             |
| Mounting relation                 | Alternative mounting approach to the rear-mounted IEPMU01 |
| Height                            | 177.8 mm                                                  |
| Width                             | 428.6 mm                                                  |
| Depth                             | 317.5 mm                                                  |
| Documented system power rails     | +5, +15, -15 and +24 VDC                                  |
| System operating room temperature | 0 to 55 deg C                                             |
| Maximum module ambient            | 70 deg C                                                  |

## 2. Integration and verification

### Signals and data handled

Backplane power and module interconnection signals; field I/O is handled by the installed process modules and their termination hardware.

### Companion components

INFI 90 power modules, process-control modules, cabinet cooling, approved wiring and mounting hardware.

### Common industrial applications

Main control cabinets requiring a common mounting and interconnection chassis for INFI 90 power and process modules.

### Product precautions

- Do not assign individual power-module output ratings to the IEMMU01; verify the installed power-module combination.
- Maintain the cabinet airflow and environmental limits stated in the AC modular power-system manual.
- Isolate power and document every module position and connector before chassis service.

### Manufacturer source PDFs

| Manufacturer document                            | Direct PDF                               |
|--------------------------------------------------|------------------------------------------|
| Elsag Bailey I-E96-506B1 AC Modular Power System | <a href="#">Open PDF in a new window</a> |

Only information traceable to the cited ABB/Elsag Bailey documents is stated. Missing values are intentionally not inferred. Confirm the complete nameplate, revision, approvals, wiring and current manufacturer instructions before installation or replacement.