

IEPMU01

INFI 90 Power Mounting Unit

The Elsasg Bailey IEPMU01 is a rear-mounted Power Mounting Unit for the INFI 90 AC modular power system. It houses and connects as many as ten power modules while separating the higher-current power section from process-control modules.

Manufacturer	ABB / Elsasg Bailey
Complete model	IEPMU01
Product description	INFI 90 Power Mounting Unit
Prepared by	Apter Power
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IEPMU01

1. Product overview and identity

The Elsag Bailey IEPMU01 is a rear-mounted Power Mounting Unit for the INFI 90 AC modular power system. It houses and connects as many as ten power modules while separating the higher-current power section from process-control modules.

System function

The IEPMU01 provides the physical housing and power interconnections for the system's modular power supplies. The installed power modules create the documented system DC rails; the mounting unit itself is not a process I/O module and does not measure field signals.

Verified technical information

Parameter	Verified value
Product	IEPMU01 Power Mounting Unit
System	INFI 90 AC Modular Power System
Mounting	Rear mounted
Capacity	Up to 10 power modules
Height	177.8 mm
Width	428.6 mm
Depth	317.5 mm
Documented system 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

Power distribution and backplane interconnection; no direct process input or output channels.

Companion components

Up to ten compatible INFI 90 power modules, cabinet fan/cooling system, power-entry wiring and the process-module mounting architecture.

Common industrial applications

INFI 90 control cabinets requiring segregated, modular DC power generation and distribution.

Product precautions

- Size and verify the installed power-module set from the system load calculation; the mounting-unit model does not define available output current.
- Maintain required cabinet cooling and inspect fan operation before energizing a fully populated power mounting unit.
- Use lockout/isolation procedures and confirm all DC rails before reconnecting process modules.

Manufacturer source PDFs

Manufacturer document	Direct PDF
Elsag Bailey I-E96-506B1 AC Modular Power System	Open PDF in a new window

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.