

Yokogawa EXT*A

Extension Card

Product scope

- Extends a conditioner card outside the rack for maintenance access.
- Provides a service connection compatible with BRAIN terminal work.
- Operates passively without a separate power feed.

Manufacturer source

Exact-model technical record

Verified model-specific overview, function, operating principle, applications and technical data.

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Yokogawa EXT*A

Extension Card

Product overview

Yokogawa EXT*A is the long-format extension card used to bring a CENTUM signal-conditioner slot out for access with a BRAIN terminal. The passive card supports commissioning and maintenance without becoming part of the measurement function.

EXT*A extends an installed signal-conditioner connection to an accessible working position. Its 243 mm depth provides space for test and adjustment while retaining the card-edge relationship to the host rack.

Technicians use the extension path with a BRAIN terminal when a conditioner must be observed or adjusted outside the crowded card cage. The adapter is passive and does not require its own power supply.

The host slot, card orientation and connector alignment must be confirmed before insertion. The extension assembly is a service aid and should not be treated as a permanent substitute for the correctly seated operating card.

Technical specifications

Primary function	Extension access for signal-conditioner servicing
Terminal support	BRAIN terminal maintenance access
Power requirement	No external power required
Operating temperature	0 to 50 °C
Relative humidity	5 to 90% RH, non-condensing
Width	72 mm
Height	23 mm
Depth	243 mm including knob
Mass	Approximately 200 g
Style code	A

EXT*A function and operating principle

Ordered configuration

The A-style extension card is a maintenance accessory rather than an input or output conditioner.

System role

It exposes a working card where adjustment and test points can be reached safely during service.

Selection and installation

Connector keying, rack isolation and physical support require attention before any extended testing begins.

Functional path

- Extends a conditioner card outside the rack for maintenance access.
- Provides a service connection compatible with BRAIN terminal work.
- Operates passively without a separate power feed.

Application scenarios

- Commissioning teams can access a conditioner that would otherwise be recessed inside the card cage.
- Troubleshooting work uses the extension position for BRAIN terminal communication and observation.
- Workshop verification can reproduce the rack connection while keeping the serviced card physically accessible.

EXT*A engineering checks

Integration

- The long card form brings the operating module beyond the front of the rack.
- BRAIN terminal work can be performed without reaching into the card cage.
- The extended assembly should be mechanically supported throughout the service procedure.

Compatibility & Interoperability

- Use is limited to the documented Yokogawa signal-conditioner card arrangement.
- Card-edge alignment must match the host slot before any module is fitted.
- The extension does not change the electrical type of the conditioner under test.

Safety

- Rack power should be isolated before the extension card is installed or removed.
- Exposed circuitry requires normal electrostatic-discharge controls during maintenance.
- The adapter is intended for supervised service access, not unattended permanent operation.

Critical technical note

Insert Yokogawa EXT*A with rack power isolated and support the extended assembly; misalignment can damage the host connector.

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