



System 800xA Compact Product Suite Contact

ABB PROCESS AUTOMATION

# System 800xA hardware selector

System 800xA is not only a DCS (Distributed Control System) It's also an Electrical Control System, a Safety system and a collaboration enabler with the capacity to improve engineering efficiency, operator performance and asset utilization.

Here you can choose and compare hardware at a glance, filter according to your needs and download pdf-outlines for a product area or export individual detailed data-sheets.

## Select product

**Communications**

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**Controllers**

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**Panels**

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## Find products

Communications ▾ Controllers I/O Modules ▾ I/O MTU Networks Panels Power supplies & Voters

### AC 800M

AC 800M is a family of rail-mounted modules, consisting of CPUs, communication modules, power supply modules and various accessories. There are several CPU modules to choose from, ranging from single units with medium processing power and memory to fully redundant units with high processing power.

Name	Line redundancy	Master or slave	Module redundancy	Protocol
CIB53	Yes	Master / Slave	Yes	COMLI and MODBUS RTU
CIB54A Classic	Yes	Master	Yes	PROFIBUS DP-V1
CIB54B	Yes	Master	Yes	PROFIBUS DP-V1
CIB55	No	Master	No	ABB's MasterBus 300
CIB56	No	Master	No	ABB's S100 I/O
CIB57	No	Master	No	ABB's INSUM
CIB58	No	Master	No	ABB's DriveBus
CIB60	No	Master / Slave	Yes	FOUNDATION Fieldbus HSE
CIB62 Classic	No	Master	Yes	ABB's TRIO/Genius I/O
CIB65	No	Master	No	ABB's Satt I/O
CIB67	No	Master / Slave	Yes	MODBUS TCP
CIB67A	No	Master / Slave	Yes	MODBUS TCP
CIB68	-	-	No	IEC 61850



DATA SHEET

## C1801

### System 800xA hardware selector



S800 I/O is a comprehensive, distributed and modular process I/O system that communicates with parent controllers and PLCs over industry-standard field buses. The C1801 Fieldbus Communication Interface (FCI) module is a configurable communication interface that performs operations such as signal processing, gathering of supervision information, OSP handling, Hot Configuration In/Run, HART pass-through and configuration of I/O modules. The FCI connects to the controller through of the PROFIBUS DP-V1 fieldbus.

#### Features and benefits

- PROFIBUS DP PROFIBUS DP-V1 fieldbus interface.
- Supervisory functions of I/O modules
- Isolated power supply to I/O modules
- OSP handling and configuration
- Input power fused Hot Configuration
- In Run HART pass-through

General info	
Protocol	PROFIBUS DP-V1
Article number	3060323695
Master or slave	Slave
Line redundancy	No
Module redundancy	No
Hot Swap	No
Used together with H1 Controller	Yes

Detailed data	
24V consumption typ.	140 mA

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# ABB Process Automation hardware selectors

## Choosing the right hardware made easy

When planning your new project or expansion, finding the right hardware can be a challenge. Check out the new web based tool that helps you find the hardware you need in a few clicks. Here you can choose and compare hardware at a glance, filter according to your needs and download pdf-outlines for a product area or export individual detailed data-sheets.

- Choose and compare hardware at a glance
- Filter according to your needs
- Download PDF-outlines for a specific product area
- Export individual detailed data-sheets for single items

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