

ABB PROCESS AUTOMATION

ABB Ability™ System 800xA® hardware selector

ABB Ability™ 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.

Panel 800 Version 6.2

ABB Ability™ System 800xA® Select I/O Virtual Cabinet

The power of integration

Select product group

- Controllers [SHOW PRODUCTS](#)
- Communications [SHOW PRODUCTS](#)
- I/O Systems [SHOW PRODUCTS](#)
- Networks [SHOW PRODUCTS](#)
- Panels [SHOW PRODUCTS](#)
- Power supplies & Voters [SHOW PRODUCTS](#)

ABB

System 800xA Symphony Plus Compact Product Suite Contact

OUTLINE COMPARE

Find products

Controllers **Communications** I/O Systems I/O MTUs Networks Panels Power supplies & Voters

Communications - AC 800M Communication interfaces

The AC 800M controller family includes a selection of communications modules that make it possible to access a wide range of field devices and third-party systems. The interfaces include:

- Ethernet-based interfaces/protocols
- Serial communications
- Interfaces to ABB equipment
- Communication interfaces to heritage systems

Select filter Select filter Select filter Select filter

Name	Communication protocol	Line redundancy	Master or slave	Module redundancy
CIB53	COMLI and MODBUS RTU	Yes	Master / Slave	Yes <input type="checkbox"/>
CIB54A Classic	PROFIBUS DP-V1	Yes	Master	Yes <input type="checkbox"/>
CIB54B	PROFIBUS DP-V1	Yes	Master	Yes <input type="checkbox"/>
CIB55	ABB's MasterBus 300	No	Master	No <input type="checkbox"/>
CIB56	ABB's S100 I/O	No	Master	No <input type="checkbox"/>
CIB57	ABB's INSUM	No	Master	No <input type="checkbox"/>

ABB

DATA SHEET

CIB01

System 800xA hardware selector



S100 I/O is a comprehensive, distributed and modular process I/O system that communicates with parent controllers and PLCs over industry-standard fieldbuses. The CIB01 Fieldbus Communication Interface (FCI) module is a configurable communication interface that performs operations such as signal processing, gathering of supervision information, DSP handling, Hot Configuration (HFC), HART pass-through and configuration of I/O modules. The FCI connects to the controller through 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
- DSP handling and configuration
- Hot power fused
- Hot Configuration in Run
- HART pass-through

General info	
Channel	PROFIBUS DP-V1
Article number	3000036661
Master or slave	Slave
Line redundancy	No
Module redundancy	No
Hot swap	No
Used together with the Controller	Yes

Detailed data	
Electromagnetic type	1400A

DATA SHEET CIB01 | 2022-02-01 | Copyright © 2022 ABB

ABB Control systems hardware selectors

Choose the right hardware with ease!

When planning your new project or expansion, finding the right hardware can be a challenge. Check out the web-based tools that help 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.

- Find, choose and compare hardware at-a-glance
- Filter hardware according to your different needs
- Download PDF-outlines for a specific product area
- View and download product data sheets
- Compare items then web print as PDF-files

800xahardwareselector.com
symphonyplushardwareselector.com
compacthardwareselector.com

