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ABB CONTROL SYSTEMS

# System 800xA hardware selector

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Name	Protocol	Master or slave	Line redundancy	Module redundancy
C1801	PROFIBUS DP-V1	Slave		<input type="checkbox"/>
C1840A	PROFIBUS DP-V1	Slave	●	<input checked="" type="checkbox"/>
C1853 (Comli)	COMLI RS-232 C	Master / Slave	●	<input type="checkbox"/>
C1853 (MODBUS RTU)	MODBUS RTU serial - C1853	Master	●	<input type="checkbox"/>
C1854A / C1854B	PROFIBUS DP-V1	Master	●	<input checked="" type="checkbox"/>
C1855	ABB's MasterBus 300	Master		<input type="checkbox"/>
C1856	ABB's S100 I/O	Master		<input type="checkbox"/>
C1857	ABB's INSUM	Master		<input type="checkbox"/>
C1858	ABB's DriveBus	Master		<input checked="" type="checkbox"/>
C1860	FOUNDATION Fieldbus HSE	Master / Slave		<input type="checkbox"/>
C1862	ABB's TRIO/Genius I/O	Master	●	<input type="checkbox"/>
C1865	ABB's Satt I/O	Master		<input type="checkbox"/>
C1867	MODBUS TCP	Master / Slave	●	<input type="checkbox"/>
C1868	IEC 61850	Master / Slave		<input type="checkbox"/>
C1869	ABB's Advant Fieldbus	Master / Slave	●	<input type="checkbox"/>

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DATA SHEET

### C1801

System 800xA hardware selector



800x 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 InRun, HART pass-through and configuration of I/O modules. The FCI connects to the controller through of the PROFIBUS DPV1 fieldbus.

#### Features and benefits

- PROFIBUS DP PROFIBUS DPV1 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 DPV1
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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# Control Technologies 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:

- Quick filtering according to your needs
- Compare different units at a glance
- Find matching termination units in no time
- Make lists and export everything in nice looking datasheets.

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