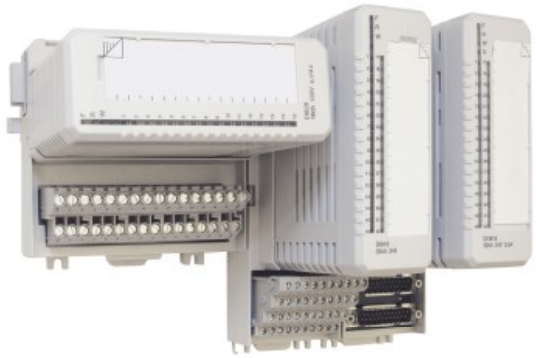
DATA SHEET

I/O Systems - S800 I/O

ABB Ability™ System 800xA® hardware selector



S800 I/O is a comprehensive, distributed, and modular process I/O system that communicates with parent controllers over industry-standard fieldbus technology and therefore can be used with a wide range of process controllers from ABB and other vendors. To download a PDF OUTLINE of all modules in this section, or to COMPARE several items, use the options in the upper-right corner of the page.

By permitting installation in the field, close to sensors and actuators, S800 I/O reduces the installation cost by reducing the cost of cabling. And thanks to features such as “hot swap” of modules, “online” reconfiguration, and redundancy options, it contributes to keeping production – and thereby profits – up.

For updated information regarding System 800xA please visit our 800xA Hardware Selector. In the HW-selector, you can compare different communication modules, AC 800M controllers, S800 I/O modules, S900 I/O modules, Select I/O modules, module termination units, network equipment, panels, power supplies, and voters, and also print your PDF files or save an outline of all modules in the product area.

Below is an outline of the range of different S800 I/O modules available.






Specific feature [1]	TB846	TK801V003	TK801V006	TK801V012
General info				
Article number	3BSE021439R1	3BSC950089R1	3BSC950089R2	3BSC950089R3
Mechanics	S800			
Dimensions				
Width	43 mm			
Depth	31.5 mm			
Height	186 mm			
Weight	180 g	0,155 kg	0.19 kg	0.265 kg
Environment and certification				
RoHS compliance	EU RoHS, UAE RoHS, CN RoHS			
WEEE compliance	DIRECTIVE/2012/19/EU			

[1] For detailed information on each module, please visit: **800xahardwareselector.automation.abb.com**