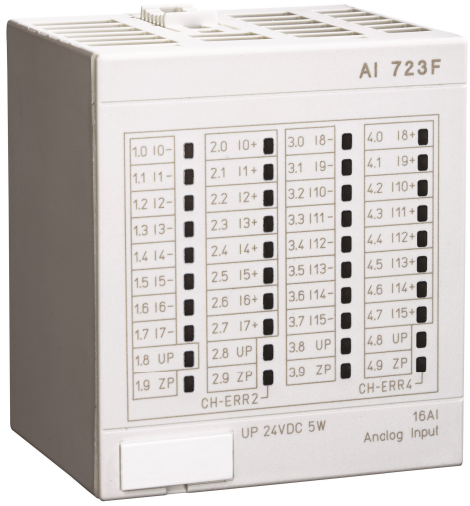
DATA SHEET

I/O Systems - S700 I/O
Freelance hardware selector



The S700 I/O family is a highly flexible and modular process I/O system that communicates with parent controllers and PLCs over industry-standard Fieldbus technology, permitting a virtually infinite number of installation and communication arrangements for any application.

By permitting installation in the field, close to sensors and actuators, S700 I/O reduces the installation cost by reducing the cost of cabling.

For updated information regarding Freelance please visit our Freelance Hardware Selector. Here you can compare different communication modules, Freelance controllers, S700 I/O, S800 I/O, and S900 I/O, module termination units, network equipment, panels, power supplies & voters. Print your PDF files or save an outline of all modules in the product area.

Below is an outline of the range of different S700 I/O modules available.




Specific feature [1]	AI 723F	AI 731F	AO 723F	AX 722F
General info				
Article number	3BDH000376R0005	3BDH000385R0005	3BDH000384R0005	3BDH000377R0005
Type	Analog Input		Analog Output	Analog Input/Output
Life cycle status	Active			
Number of channels	16	8	16	
Signal type	Analog Input		Analog Output	Analog Input/Output
HART	No			
SOE	No			
Redundancy	No			
Mechanics	S700			
Dimensions				
Width	67.5 mm			
Depth	76 mm			
Height	54 mm			
Weight	300 g	130 g	300 g	
Environment and certification				
RoHS compliance	DIRECTIVE/2011/65/EU		Directive 2011/65/EU	
WEEE compliance	DIRECTIVE/2012/19/EU			

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



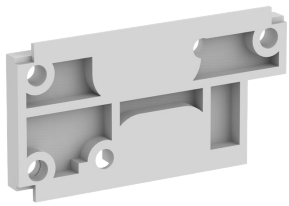

Specific feature [1]	DA 701F	DC 723F	DC 732F	DI 724F
General info				
Article number	3BDH000371R0005	3BDH000373R0005	3BDH000375R0005	3BDH000374R0005
Type	Digital/Analog Input/Output	Digital Input/Output		Digital Input
Life cycle status	Active			
Number of channels	30	24	32	
Signal type	Digital/Analog Input/Output	Digital Input/Output (only PROFIBUS)	Digital Input/Output	Digital Input
HART	No			
SOE	No			
Redundancy	No			
Mechanics	S700			
Dimensions				
Width	67.5 mm			
Depth	76 mm			
Height	54 mm			
Weight	125 g			105 g
Environment and certification				
RoHS compliance	Directive 2011/65/EU			
WEEE compliance	DIRECTIVE/2012/19/EU			

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

Specific feature [1]	DX 722F	DX 731F
General info		
Article number	3BDH000383R0005	3BDH000387R0005
Type	Digital Input/Output	
Life cycle status	Active	
Number of channels	16	12
Signal type	Digital Input / Output	Digital Input/Output
HART	No	
SOE	No	
Redundancy	No	
Mechanics	S700	
Dimensions		
Width	67.5 mm	
Depth	76 mm	
Height	54 mm	
Weight	300 g	
Environment and certification		
RoHS compliance	DIRECTIVE/2011/65/EU	
WEEE compliance	DIRECTIVE/2012/19/EU	

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

Accessories



Specific feature [1]	TA523	TA525	TA526
General info			
Article number	1SAP180500R0001	1SAP180700R0001	1SAP180800R0001
Mechanics	S700		
Life cycle status			Active
Redundancy			N/A
Dimensions			
Width	67.5 mm	10 mm	150 mm
Depth	13 mm	1 mm	20 mm
Height	82 mm	17 mm	250 mm
Weight	0.157 kg		
Weight (including base)		0.003 kg	0.074 kg
Environment and certification			
RoHS compliance	DIRECTIVE/2011/65/EU		Directive 2011/65/EU (EN 50581:2012)
WEEE compliance	DIRECTIVE/2012/19/EU		

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

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