

DATA SHEET

DC 723F

Freelance hardware selector



The S700 I/O family can be used as direct I/O for AC 700F and AC 900F Freelance controllers or as PROFIBUS remote I/O with AC 700F, AC 900F, or other PROFIBUS Masters.

S700 I/O has a small footprint - the modules are featured with a high packing density, and several modules are available with inputs and outputs mixed in one module. These modules cover a wide variety of applications and give maximum flexibility. The S700 I/O is compliant with cULus and certified for installation in hazardous locations according to UL Class I, Division 2 (Groups A, B, C, and D).

The digital input/output module DC 723F comes with 24 channels.

This I/O module can only be used as PROFIBUS remote I/O.

Features and benefits

- One 24 V DC 0.5 A sensor power supply with short-circuit and overload protection.
- 24 digital Inputs/Outputs 24 V DC in three groups (2.0...4.7), each of which can be used:
 - As an input.
 - As a transistor output with short-circuit and overload protection with 0.5 A rated current.
 - As a re-readable output (combined input/output) and can be addressed accordingly.

General info		
Article number	3BDH000373R0005	
Туре	Digital Input/Output	
Life cycle status	Active	
Number of channels	24	
Signal type	Digital Input/Output (only PROFIBUS)	
HART	No	
SOE	No	
Redundancy	No	
Mechanics	S700	

Detailed data		
Input voltage range, "0"	-30 V+5 V	
Input voltage range, "1"	+13 V+30 V	
Maximum field cable length	1000 m (shielded), 600m (unshielded)	
Common mode voltage input	24 VDC	
Power dissipation	6 W	
Current consumption +24 V external	0.15 A	

Diagnostics	
Front LED's	40 LEDs for signals and error indication. One yellow LED per channel, the LED is ON when the input/output signal is high (signal 1).

Environment and certification		
CE mark	Yes	
Electrical safety	EN 50178, IEC 61131-2, UL 61010-1, UL 61010-2-201	
Hazardous Location	cULus Class 1 Div 2	
Protection rating	IP20	
Climatic operating conditions	Operation 0 +60 °C, Storage -40 +70 °C	
RoHS compliance	Directive 2011/65/EU	
WEEE compliance	DIRECTIVE/2012/19/EU	

Dimensions		
Width	67.5 mm	
Depth	76 mm	
Height	54 mm	
Weight	125 g	



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