

DATA SHEET

DI 724F

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 module DI 724F has 32 channels.

Features and benefits

- 32 digital inputs 24V DC in four groups (1.0...4.7)
- as direct I/O and PROFIBUS I/O

General info		
Article number	3BDH000374R0005	
Туре	Digital Input	
Life cycle status	Active	
Number of channels	32	
Signal type	Digital Input	
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	105 g	



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