

# 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
Type	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

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**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).

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**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

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**Dimensions**

Width	67.5 mm
Depth	76 mm
Height	54 mm
Weight	105 g

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