

# DX 731F

## 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 DX 731F has 12 channels. This module can be used as direct I/O on AC 900F and AC 700F and in addition also as Profibus Slave I/O.

### Features and benefits

- 8 digital inputs 115 - 230 VAC in two groups (2.0...3.3)
- 4 relay outputs (2.4...2.7), with one switch-over contact each
- as direct I/O and PROFIBUS I/O

General info	
Article number	3BDH000387R0005
Type	Digital Input/Output
Life cycle status	Active
Number of channels	12
Signal type	Digital Input/Output
HART	No
SOE	No
Redundancy	No
Mechanics	S700

Detailed data	
Input voltage range, "0"	-30 V...+5 V
Input voltage range, "1"	115-230 VAC
Maximum field cable length	1000 m (shielded), 600 m (unshielded)
Common mode voltage input	24 VDC/230 VAC
Power dissipation	6 W
Current consumption +24 V external	0.15 A

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**Diagnostics**

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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**

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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**

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Width	67.5 mm
Depth	76 mm
Height	54 mm
Weight	300 g

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