

DC 732F

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 732F offers 32 channels. 16 channels are assigned as digital inputs, while the remaining 16 channels can be configured as input or as output.

This module can be used as direct I/O on AC 900F and AC 700F and in addition also as Profibus remote I/O.

Features and benefits

- 16 channels assigned as digital inputs
- 16 channels assigned as input/output
- Can be used as direct I/O on AC 900F/AC 700F
- Can be used as Profibus remote I/O

General info	
Article number	3BDH000375R0005
Type	Digital Input/Output
Life cycle status	Active
Number of channels	32
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"	+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).
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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

Dimensions

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

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