

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

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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 |

Dimensions

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

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