

DX 722F

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 722F has 16 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 24 V DC in one group (1.0...1.7)
- 8 relay outputs (2.0...2.7), with one switch-over contact each
- as direct I/O and PROFIBUS I/O

| General info | |
|--------------------|------------------------|
| Article number | 3BDH000383R0005 |
| Type | Digital Input/Output |
| Life cycle status | Active |
| Number of channels | 16 |
| 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/230 VAC |
| 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) |
|-------------|---|

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 | 300 g |

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