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Distributed I/O device - FLX ASI DIO 2/2 M12-2A - 2773432

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AS-i digital input/output module, AB slave, 2 digital inputs, 24 V DC, 2, 3 and 4-conductor connection method, 2 digital outputs, 24 V DC, IP67 protection

Product Description

The digital Fieldline M12 AS-Interface input/output modules with IP67 housing protection make it possible to connect digital sensors and actuators to the AS-i using M12 plugs using the SPEEDCON connection method.

The modules are connected to AS-i using the flat-ribbon cable cable penetration technique.

Why buy this product

- Tool-free connection to AS-Interface using penetration technique
- M12 connection technology with SPEEDCON fast locking system for the I/Os
- Optimized for direct mounting and DIN rail mounting



Key Commercial Data

| | |
|--------------|---------------------|
| Packing unit | 1 STK |
| GTIN | 4 046356 156615 |

Technical data

Note

| | |
|-------------------------|---|
| Utilization restriction | EMC: class A product, see manufacturer's declaration in the download area |
|-------------------------|---|

Dimensions

| | |
|--------------------|--------|
| Width | 58 mm |
| Height | 118 mm |
| Depth | 35 mm |
| Drill hole spacing | 108 mm |

Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -25 °C ... 70 °C |
| Ambient temperature (storage/transport) | -25 °C ... 85 °C |
| Degree of protection | IP65/IP67 |

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Technical data

Interfaces

| | |
|------------------------------|---|
| Fieldbus system | AS-i |
| Designation | AS-Interface |
| Connection method | Flat-ribbon cable penetration technique |
| Designation connection point | AS-i |
| Transmission speed | 167 kBit/s |
| Number of positions | 4 |

AS-Interface

| | |
|-------------------------------|-----------|
| Slave type | A/B slave |
| AS-i specification | 2.1 |
| IO code | B |
| ID1 code | 7 |
| ID2 code | 2 |
| ID code (hex) | A |
| ID code (dec.) | 10 |
| AS-i profile | S-B.A.2 |
| Required master specification | >= 2.0 |

Digital inputs

| | |
|----------------------------|--------------------|
| Input name | Digital inputs |
| Connection method | M12 connector |
| | 2, 3-wire |
| Number of inputs | 2 |
| Input characteristic curve | IEC 61131-2 type 2 |

Digital outputs

| | |
|--|-----------------|
| Output name | Digital outputs |
| Connection method | M12 connector |
| | 2-wire |
| Number of outputs | 2 |
| Maximum output current per channel | 2 A |
| Maximum output current per module / terminal block | 4 A |

General

| | |
|---------------|----------------------------------|
| Net weight | 195 g |
| Mounting type | Wall mounting |
| | Screw on directly or on DIN rail |

Standards and Regulations

| | |
|------------------|--------------------------------------|
| Protection class | III, IEC 61140, EN 61140, VDE 0140-1 |
|------------------|--------------------------------------|

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27250302 |
| eCl@ss 4.1 | 27250302 |
| eCl@ss 5.0 | 27250302 |
| eCl@ss 5.1 | 27242604 |
| eCl@ss 6.0 | 27242604 |
| eCl@ss 7.0 | 27242604 |
| eCl@ss 8.0 | 27242604 |
| eCl@ss 9.0 | 27242604 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001430 |
| ETIM 3.0 | EC001599 |
| ETIM 4.0 | EC001599 |
| ETIM 5.0 | EC001599 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43201404 |
| UNSPSC 13.2 | 43201404 |

Approvals

Approvals

Approvals

UL Listed / cUL Listed / ASI-Interface / cULus Listed

Ex Approvals

Approvals submitted

Approval details

| |
|-----------|
| UL Listed |
|-----------|

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Approvals

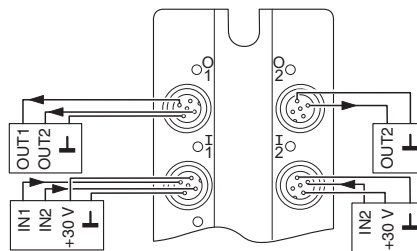
cUL Listed

ASI-Interface

cULus Listed

Drawings

Connection diagram



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