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FLX ASI 3.0 DIO 4/4 M12-2A


Order No.: 2773474



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2773474>

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



| Commercial data | |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| GTIN (EAN) |  4 046356 178464 |
| sales group | L051 |
| Pack | 1 pcs. |
| Customs tariff | 85176200 |
| Catalog page information | Page 391 (AX-2009) |

Product notes

WEEE/RoHS-compliant since:
12/08/2009



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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 connectors using the SPEEDCON connection method.

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

Technical data

Interface

| | |
|------------------------------|-----------------------------------------|
| Fieldbus system | AS-i |
| Type of connection | Flat-ribbon cable penetration technique |
| Designation connection point | AS-i |
| Number of positions | 4 |

AS-Interface

| | |
|-------------------------------|-----------|
| Slave type | A/B slave |
| AS-i specification | 3.0 |
| IO code | 7 |
| ID1 code | 7 |
| ID2 code | 7 |
| ID code (hex) | A |
| ID code (dec.) | 10 |
| AS-i profile | S-7.A.7 |
| Required master specification | >= 3.0 |

Digital inputs

| | |
|----------------------------|--------------------|
| Input name | Digital inputs |
| Type of connection | M12 male connector |
| Connection method | 2, 3-wire |
| Number of inputs | 4 |
| Input characteristic curve | IEC 61131-2 type 2 |

Digital outputs

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

General data

| | |
|--------|--------|
| Width | 58 mm |
| Height | 150 mm |

| | |
|-----------------------------------------|--------------------------------------|
| Depth | 35 mm |
| Drill hole spacing | 108 mm |
| Weight | 245 g |
| Mounting type | Wall mounting |
| Ambient temperature (operation) | -25 °C ... 70 °C |
| Ambient temperature (storage/transport) | -25 °C ... 85 °C |
| Degree of protection | IP67 |
| Protection class | III, IEC 61140, EN 61140, VDE 0140-1 |

Certificates / Approvals



Certification

CUL Listed, UL Listed

Accessories

| Item | Designation | Description |
|------------------------|---------------------------|--------------------------------------------------------------------------------------------------------|
| Cable/conductor | | |
| 2741341 | ASI CC ADR CAB CINCH | Cinch connecting cable, for addressing FLX ASI M12 devices |
| 1434646 | VS-ASI-FC-EPDM-YE 1000M | AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm ² , 1000 m on a disposable drum |
| 1432402 | VS-ASI-FC-EPDM-YE 100M | AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm ² , 100 m ring |
| 1404906 | VS-ASI-FC-PVC-UL-YE 100M | AS-Interface PVC flat conductor with UL in yellow, 2 x 1.5 mm ² , 100 m ring |
| 1404867 | VS-ASI-FC-PVC-UL-YE/1000 | AS-Interface PVC flat conductor with UL in yellow, 2 x 1.5 mm ² , 1000 m on an one-way drum |
| 1434662 | VS-ASI-FC-TPE-UL-YE 1000M | AS-Interface TPE flat conductor with UL in yellow, 2 x 1.5 mm ² , 1000 m on disposable drum |
| 1404922 | VS-ASI-FC-TPE-UL-YE 100M | AS-Interface TPE flat conductor with UL in yellow, 2 x 1.5 mm ² , 100 m ring |
| General | | |
| 2773539 | FLX ASI M12 FS | Protection against accidentally unlocking the FLX ASI M12 devices |

Handheld operator panel

| | | |
|---------|------------|--------------------------------------------|
| 2741338 | ASI CC ADR | Manual addressing device, for AS-i modules |
|---------|------------|--------------------------------------------|

Marking

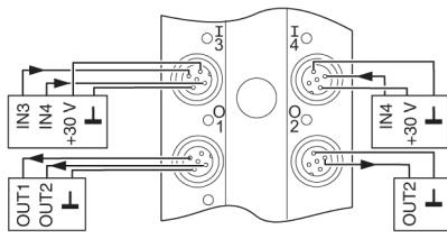
| | | |
|---------|-----------------------|----------------------------------------------|
| 0821797 | BMKL 11,5 (108X16) WH | Label sheet for laser printers, color: White |
|---------|-----------------------|----------------------------------------------|

Protection and sealing elements

| | | |
|---------|----------|-----------------------------------------------------------------------------------------------------------------|
| 1680539 | PROT-M12 | An M12 screw plug for the unoccupied M12 sockets of the sensor/ actuator cable, boxes and flush-type connectors |
|---------|----------|-----------------------------------------------------------------------------------------------------------------|

Diagrams/Drawings

Connection diagram



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