

CI801

Compact Product Suite hardware selector



S800 I/O is a comprehensive, distributed and modular process I/O system that communicates with parent controllers and PLCs over industry-standard field buses. The CI801 Fieldbus Communication Interface (FCI) module is a configurable communication interface that performs operations such as signal processing, gathering of supervision information, OSP handling, Hot Configuration InRun, HART pass-through and configuration of I/O modules. The FCI connects to the controller through of the PROFIBUS-DPV1 fieldbus.

Features and benefits

- PROFIBUS DP PROFIBUS-DPV1 fieldbus interface.
- Supervisory functions of I/O ModuleBus
- Isolated power supply to I/O modules
- OSP handling and configuration
- Input power fused
- Hot Configuration In Run
- HART pass-through

| General info | |
|----------------------------------|----------------|
| Article number | 3BSE022366R1 |
| Communication protocol | PROFIBUS DP-V1 |
| Master or slave | Slave |
| Line redundancy | No |
| Module redundancy | No |
| Hot Swap | No |
| Used together with HI Controller | Yes |

| Detailed data | |
|-----------------------|--------|
| 24 V consumption typ. | 140 mA |

| Environment and certification | |
|-------------------------------|---|
| CE- marking | Yes |
| Electrical Safety | EN 61010-1, UL 61010-1, EN 61010-2-201, UL 61010-2-201 |
| Hazardous location | C1 Div 2 cULus, C1 Zone 2 cULus, ATEX Zone 2 |
| Marine certificates | ABS, BV, DNV-GL, LR |
| Temperature, Operating | 0 to +55 °C (+32 to +131 °F), approvals are issued for +5 to +55 °C |
| Temperature, Storage | -40 to +70 °C (-40 to +158 °F) |
| Pollution degree | Degree 2, IEC 60664-1 |
| Corrosion protection | ISA-S71.04: G3 |
| Relative humidity | 5 to 95 %, non-condensing |
| Max ambient temperature | 55 °C (131 °F), for vertical mounting 40 °C (104 °F) |
| Protection class | IP20 according to EN60529, IEC 529 |
| RoHS compliance | DIRECTIVE/2011/65/EU (EN 50581:2012) |
| WEEE compliance | DIRECTIVE/2012/19/EU |

| Dimensions | |
|------------|-----------------------------------|
| Width | 85.8 mm (3.38 in.) |
| Height | 136 mm (5.35 in.) including latch |
| Depth | 58.5 mm (2.30 in.) |
| Weight | 0.3 kg (0.66 lbs.) |

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