

# 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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