

# CP-231 - I/O Module - (multiple Input Module)

**Product Code:** CP-231

**Weight:** 65.00g

**Dimensions:** 100.00mm x 12.00mm x 71.00mm

**Technical Datasheet:** [Protected Link](#)

## Description

### CP-231 I/O Module - (multiple Input Module)

## Specifications

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| I/O system                      | NX I/O Bus                                |
| Type of module                  | Digital I/O                               |
| Number of digital inputs        | 16                                        |
| Digital input type              | PNP                                       |
| Permitted voltage at input      | 15-28.8 V                                 |
| OFF/ON delay                    | 0.02-0.4 ms                               |
| Number of digital outputs       | 0                                         |
| Digital output type             | None                                      |
| Short-circuit protected outputs |                                           |
| Connection method               | 1-wire                                    |
| Signal processing               | Free running, Standard speed, Synchronous |
| IO link master                  |                                           |
| I/O connection type             | Push-in                                   |
| Number of I/O connectors        | 1                                         |
| Detachable I/O connector        |                                           |
| Suitable for safety functions   |                                           |
| SIL according to IEC 61508      | None                                      |
| Communication port(s)           | None                                      |
| Number of IOV (V+) terminals    | 0                                         |
| Number of IOG (V-) terminals    | 0                                         |
| Number of COM terminals         | 0                                         |
| Degree of protection (IP)       | IP20                                      |
| Height                          | 100 mm                                    |
| Width                           | 12 mm                                     |
| Depth                           | 71 mm                                     |
| Weight                          | 65 g                                      |

**Equipment Ref**  
830 Ref.

810 Ref. **ID 5442/SID800**

812 Ref. **ID 5442/SID800**

**Specification**

|                      |  |
|----------------------|--|
| Spare Part Type      |  |
| Electrical Component |  |
| Stock Type           |  |
| Standard Stock       |  |