

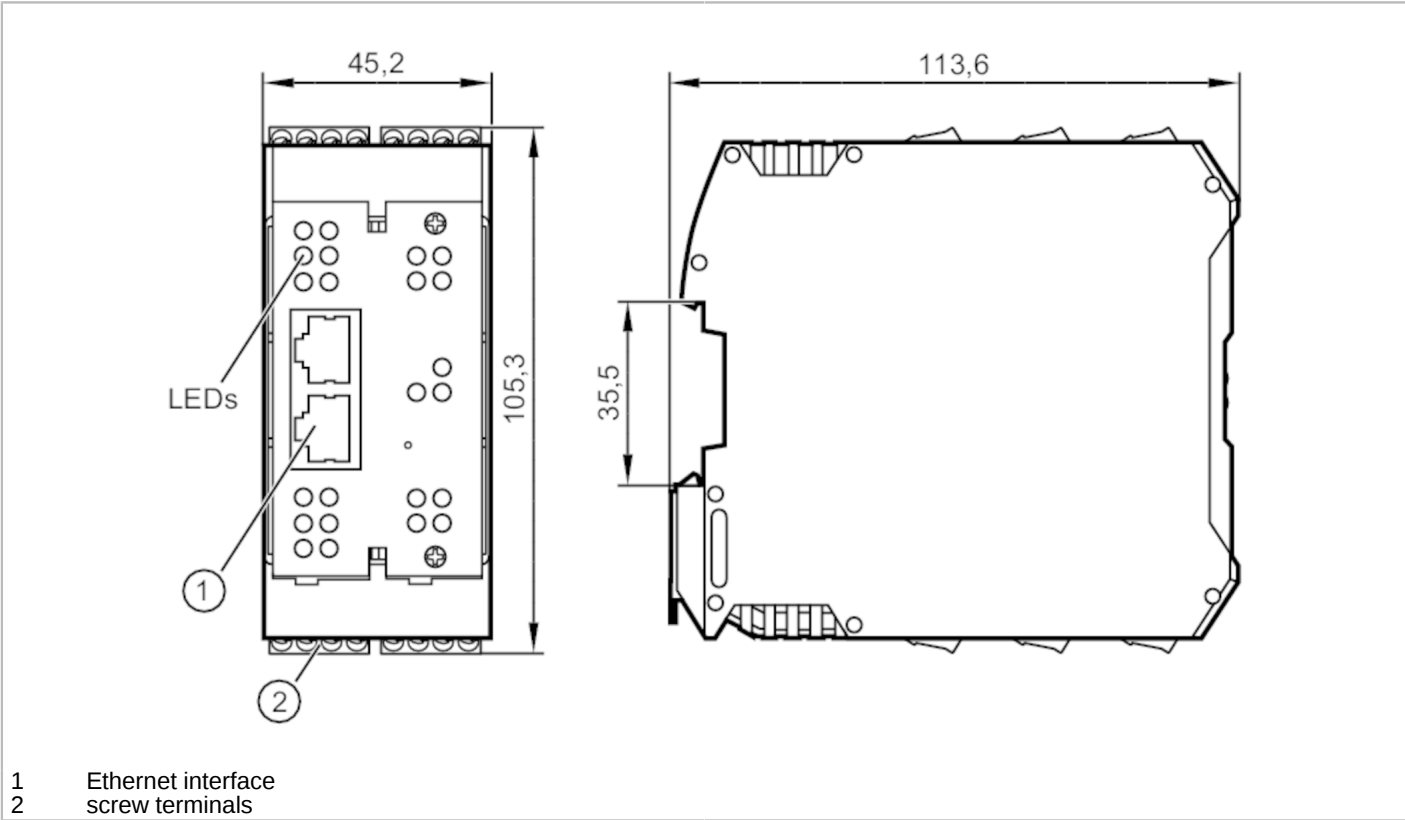


IO-Link master with EtherNet/IP interface

IO-Link Master CL EIP 8P IP20

phase-out article

Alternative articles: AL1920  
When selecting an alternative article and accessories please note that technical data may differ!



| Application                         |                                                             |            |
|-------------------------------------|-------------------------------------------------------------|------------|
| Application                         | I/O modules for use in the control cabinet                  |            |
| Electrical data                     |                                                             |            |
| Operating voltage                   | [V]                                                         | 18...30 DC |
| Nominal voltage DC                  | [V]                                                         | 24         |
| Max. power consumption              | [VA]                                                        | 2.4        |
| Max. current load total             | [A]                                                         | 2          |
| Inputs / outputs                    |                                                             |            |
| Total number of inputs and outputs  | 20                                                          |            |
| Number of inputs and outputs        | Number of digital inputs: 18; Number of digital outputs: 10 |            |
| Inputs                              |                                                             |            |
| Number of digital inputs            | 18; (8 x 2 + 2 x 1)                                         |            |
| Input circuit of digital inputs     | PNP                                                         |            |
| Power supply                        | [V]                                                         | 24         |
| Max. total current rating of inputs | [mA]                                                        | 1600       |
| Input current limitation            | [mA]                                                        | 200        |



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|                                                 |                                                         |             |
|-------------------------------------------------|---------------------------------------------------------|-------------|
| Short-circuit protection digital inputs         | yes                                                     |             |
| Digital inputs protected against short circuits | yes                                                     |             |
| Overload protection digital inputs              | yes                                                     |             |
| Outputs                                         |                                                         |             |
| Number of digital outputs                       | 10                                                      |             |
| Circuit                                         | PNP                                                     |             |
| Max. current load per output [mA]               | 200                                                     |             |
| Short-circuit protection                        | yes                                                     |             |
| Electrically separated                          | no                                                      |             |
| Actuator supply outputs                         | 24 V DC                                                 |             |
| Interfaces                                      |                                                         |             |
| Communication interface                         | IO-Link                                                 |             |
| Ethernet                                        |                                                         |             |
| Transmission rate                               | 10; 100                                                 |             |
| Protocol                                        | EtherNet/IP; Modbus TCP                                 |             |
| IO-Link Master                                  |                                                         |             |
| Transmission type                               | COM1 (4,8 kBaud); COM2 (38,4 kBaud); COM3 (230,4 kBaud) |             |
| IO-Link revision                                | 1.1                                                     |             |
| SDCI standard                                   | IEC 61131-9                                             |             |
| Number of ports class A                         | 8                                                       |             |
| Operating conditions                            |                                                         |             |
| Ambient temperature [°C]                        | 0...70                                                  |             |
| Storage temperature [°C]                        | -20...70                                                |             |
| Max. relative air humidity [%]                  | 95                                                      |             |
| Protection                                      | IP 20                                                   |             |
| Tests / approvals                               |                                                         |             |
| Shock/vibration resistance                      | EN60068-2-6; EN60068-2-27                               |             |
| Mechanical data                                 |                                                         |             |
| Weight [g]                                      | 404.5                                                   |             |
| Dimensions [mm]                                 | 105.3 x 45.2 x 113.6                                    |             |
| Materials                                       | housing: PA                                             |             |
| Displays / operating elements                   |                                                         |             |
| Display                                         | switching status                                        | LED, yellow |
|                                                 | operation                                               | LED, green  |
|                                                 | errors                                                  | LED, red    |
|                                                 | function                                                | LED, yellow |
| Remarks                                         |                                                         |             |
| Pack quantity                                   | 1 pcs.                                                  |             |



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### Electrical connection

screw terminals: ; Spacing: 20 mm

|   |                                       |
|---|---------------------------------------|
|   | external voltage                      |
| 1 | V- external voltage GND DC            |
| 2 | V- external voltage GND DC            |
| 3 | V+ external voltage +24 V DC          |
| 4 | V+ external voltage +24 V DC          |
|   | IO-Link port 1...8                    |
| 1 | L+ Sensor supply +24 V DC             |
| 2 | L- Sensor supply GND DC               |
| 3 | DI digital input                      |
| 4 | C/Q IO-Link / DI / DO                 |
|   | internal voltage digital input/output |
| 1 | L+ Sensor supply +24 V DC             |
| 2 | L- Sensor supply GND DC               |
| 3 | DI digital input                      |
| 4 | DO digital output                     |