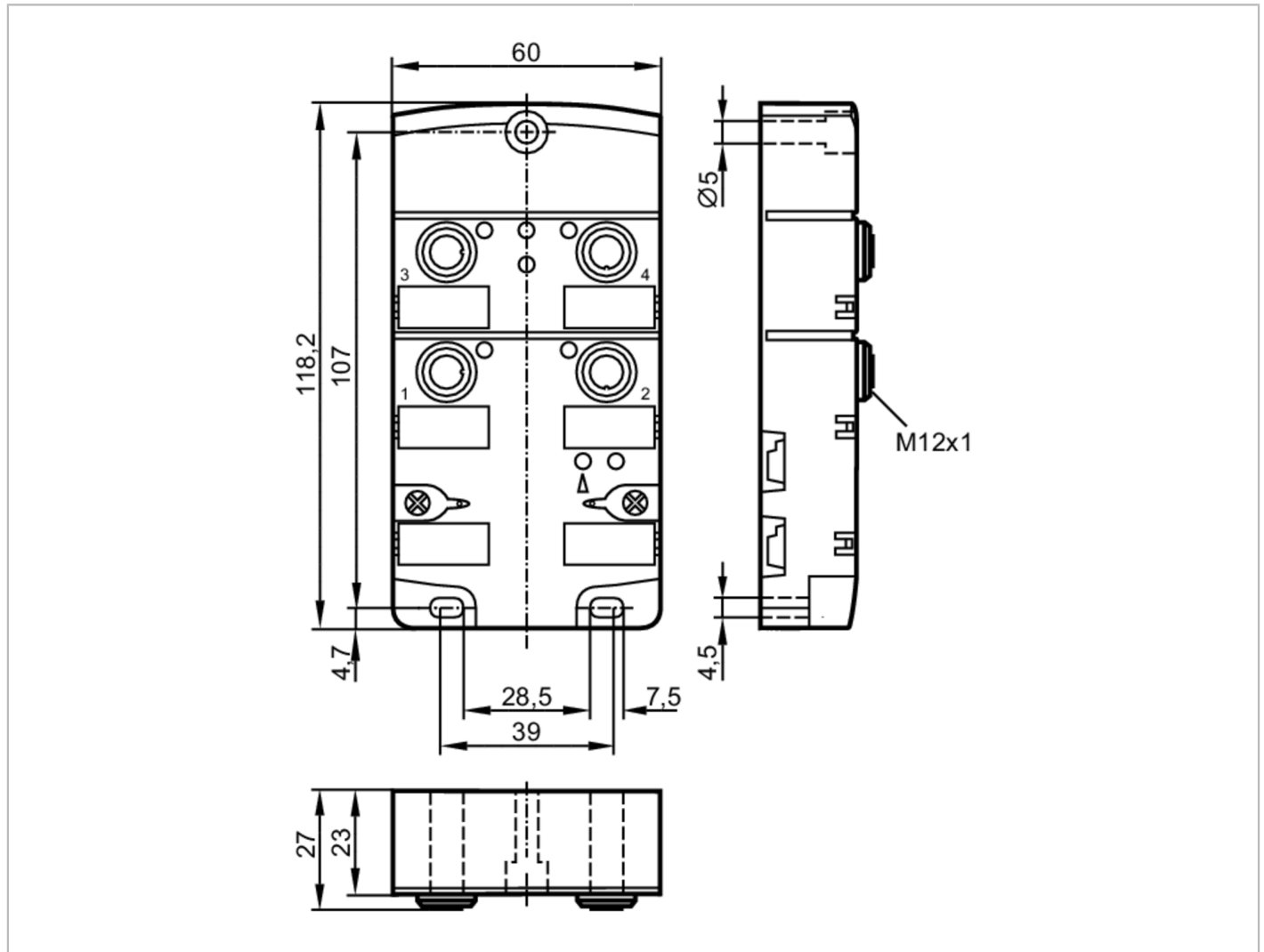


AC2411



AS-Interface CompactLine module

CompactModule 2DI 2DO T M12



| Electrical data | |
|------------------------------------|---|
| Operating voltage | [V] 26.5...31.6 DC; ("supply class 2" to cULus) |
| Max. current consumption from AS-i | [mA] 250 |
| Max. current load total | [A] 4 |
| Additional voltage supply | [V] 10...30 DC; (AUX) |
| Integrated watchdog | yes |
| Inputs / outputs | |
| Number of inputs and outputs | Number of digital inputs: 2; Number of digital outputs: 2 |



AS-Interface CompactLine module

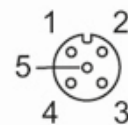
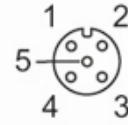
CompactModule 2DI 2DO T M12

| Inputs | | | | | |
|---|----------|-----|-----|---|-----|
| Number of digital inputs | | | | 2 | |
| Input circuit of digital inputs | | | | PNP | |
| Sensor supply of the inputs | | | | AS-i | |
| Voltage supply | [V] | | | 20...30 | |
| Max. total current rating of inputs | [mA] | | | 200 | |
| Input current limitation | [mA] | | | 15 | |
| Input current High | [mA] | | | 6...10 | |
| Input current Low | [mA] | | | 0...2 | |
| Min. switching level high signal | [V] | | | 11 | |
| Digital inputs protected against short circuits | | | | yes | |
| Outputs | | | | | |
| Number of digital outputs | | | | 2 | |
| Circuit | | | | PNP | |
| Voltage range DC | [V] | | | 10...30; (to PELV) | |
| Max. current load per output | [mA] | | | 2000; (utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1)) | |
| Short-circuit proof | | | | yes | |
| Electrically separated | | | | yes | |
| Operating conditions | | | | | |
| Ambient temperature | [°C] | | | -25...80 | |
| Protection | | | | IP 67; ("enclosure type 1" according to cULus; when flat cables are used E7400x / E7401x) | |
| Tests / approvals | | | | | |
| EMC | | | | EN 50295 | |
| AS-i classification | | | | | |
| AS-i version | | | | 2.11 + 3.0 | |
| AS-i addressing | | | | IR addressing possible | |
| Extended addressing mode possible | | | | no | |
| AS-i profile | | | | S-3.0.E | |
| AS-i I/O configuration | [hex] | | | 3 | |
| AS-i ID code | [hex] | | | 0.E | |
| AS-i certificate | | | | 40201 | |
| Assignment of the data bits | data bit | D0 | D1 | D2 | D3 |
| | input | 1 | 2 | - | - |
| | socket | I-1 | I-2 | - | - |
| | pin | 2+4 | 2+4 | - | - |
| | Output | - | - | 3 | 4 |
| | socket | - | - | O-3 | O-4 |
| | pin | - | - | 4 | 4 |



AS-Interface CompactLine module

CompactModule 2DI 2DO T M12

| Mechanical data | | |
|---|--|-------------|
| Weight [g] | 295 | |
| Type of mounting | AS-i flat cables directly connectable | |
| Materials | PA; socket: brass nickel-plated; threaded inserts in the lower part: brass nickel-plated; O-ring: FKM; piercing contacts: CuSn6 nickel-plated and tin-plated | |
| Displays / operating elements | | |
| Display | operation | LED, green |
| | errors | LED, red |
| | function | LED, yellow |
| Accessories | | |
| Accessories (optional) | Stainless steel sleeve, for installation in case of high mechanical stress , E70402 | |
| Remarks | | |
| Remarks | Inputs and outputs must be electrically isolated. | |
| Pack quantity | 1 pcs. | |
| Electrical connection - Inputs | | |
| | Inputs | |
| 1 | Sensor supply L+ | |
| 2+4 | data input 1 internally bridged | |
| 3 | Sensor supply L- | |
| 5 | functional earth | |
| Connector: M12 | | |
|  | | |
| Electrical connection - Outputs | | |
| | Outputs | |
| 3 | external voltage AUX - | |
| 4 | switching output | |
| 5 | functional earth (FE) | |
| 1, 2 | not used | |
| Connector: M12 | | |
|  | | |