

MVK I/O COMPACT MODULE, METAL

CANopen, 16 dig. In / Diag

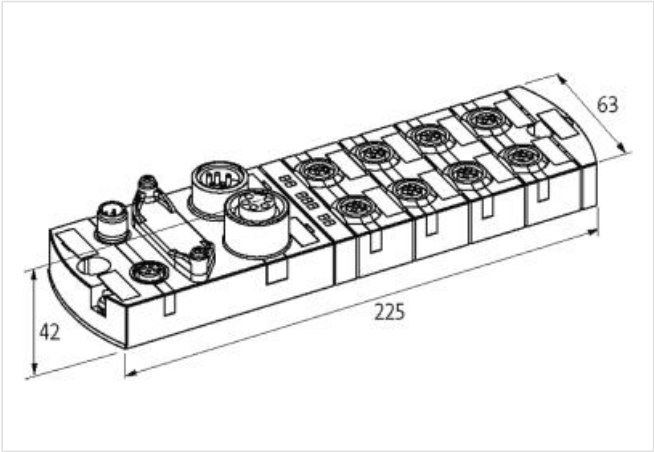
Digital inputs  
DI8 DI8  
CAN 1 Mbit/s; M12, A-coded  
7/8", 5-pole, 2× max. 9 A  
M12, 5-pole, A-coded  
Connection cables are in the online shop under "Connection Technology".  
Housing fully potted.

Link to Product

Illustration



Product may differ from Image



| Commercial data          |               |
|--------------------------|---------------|
| ECLASS-6.0               | 27242604      |
| ECLASS-6.1               | 27242604      |
| ECLASS-7.0               | 27242604      |
| ECLASS-8.0               | 27242604      |
| ECLASS-9.0               | 27242604      |
| ECLASS-10.1              | 27242604      |
| ECLASS-11.1              | 27242604      |
| ECLASS-12.0              | 27242604      |
| ETIM-5.0                 | EC001599      |
| customs tariff number    | 85176200      |
| GTIN                     | 4048879051514 |
| Packaging unit           | 1             |
| Electrical data   Supply |               |
| Operating voltage DC     | 24 V          |
| Norm operating voltage   | EN 61131-2    |
| Operating voltage US DC  | 24 V          |
| Total current UA max.    | 9 A           |
| Total current US max.    | 9 A           |

| Electrical data   Input                  |                                                |
|------------------------------------------|------------------------------------------------|
| Overload resistant                       | yes                                            |
| Short-circuit protected                  | yes                                            |
| Type input                               | PNP, for 3-wire sensors or mechanical switches |
| Sensor current US per input max.         | 0,2 A                                          |
| Industrial communication   Bus data      |                                                |
| Address range min.                       | 1                                              |
| Address range max.                       | 99                                             |
| Industrial communication   CANopen       |                                                |
| CANopen addressing                       | Rotary switch                                  |
| Diagnostics                              |                                                |
| Actuator warning                         | per channel via LED and BUS                    |
| Diagnostic                               | No voltage, Under voltage                      |
| Diagnostic via BUS                       | per module and channel                         |
| Diagnostic via LED                       | per module and channel                         |
| Short circuit diagnosis                  | yes                                            |
| LED display                              | Ethernet connection/data traffic               |
| Cable break                              | per port                                       |
| Overload diagnosis                       | yes                                            |
| Device protection   Electrical           |                                                |
| Degree of protection (EN IEC 60529)      | IP67                                           |
| Mechanical data   Mounting data          |                                                |
| Suitable for mounting type               | 2-hole screw mounting                          |
| Height                                   | 42 mm                                          |
| Width                                    | 63 mm                                          |
| Depth                                    | 225 mm                                         |
| Environmental characteristics   Climatic |                                                |
| Operating temperature min.               | 0 °C                                           |
| Operating temperature max.               | 55 °C                                          |
| Storage temperature min.                 | -20 °C                                         |
| Storage temperature max.                 | 70 °C                                          |
| Connection type 5                        |                                                |
| Connection type 1                        | 4-7                                            |
| Connection type 2                        | Bus In                                         |
| Connection type 3                        | Bus Out                                        |
| Connection type 4                        | Power In                                       |
| Connection type 5                        | Power Out                                      |
| Family construction form                 | M12                                            |
| Gender                                   | female                                         |
| Color contact carrier                    | black                                          |
| Coding                                   | A                                              |
| No. of poles                             | 5                                              |
| PIN 1                                    | 24 V DC (US)                                   |
| PIN 2                                    | DI / Diag                                      |
| PIN 3                                    | 0 V (US)                                       |
| PIN 4                                    | DI                                             |
| PIN 5                                    | PE                                             |
| Family construction form                 | M12                                            |
| Gender                                   | male                                           |
| Color contact carrier                    | black                                          |
| Coding                                   | A                                              |

|                          |              |
|--------------------------|--------------|
| No. of poles             | 5            |
| PIN 1                    | Shield       |
| PIN 2                    | V +          |
| PIN 3                    | V -          |
| PIN 4                    | CAN_HIGH     |
| PIN 5                    | CAN_LOW      |
| Family construction form | M12          |
| Gender                   | female       |
| Color contact carrier    | black        |
| Coding                   | A            |
| No. of poles             | 5            |
| PIN 1                    | Shield       |
| PIN 2                    | V +          |
| PIN 3                    | V -          |
| PIN 4                    | CAN_HIGH     |
| PIN 5                    | CAN_LOW      |
| Family construction form | 7/8"         |
| Gender                   | male         |
| Color contact carrier    | black        |
| No. of poles             | 5            |
| PIN 1                    | 0 V (UA)     |
| PIN 2                    | 0 V (US)     |
| PIN 3                    | PE           |
| PIN 4                    | 24 V DC (US) |
| PIN 5                    | 24 V DC (UA) |
| Family construction form | 7/8"         |
| Gender                   | female       |
| Color contact carrier    | black        |
| No. of poles             | 5            |
| PIN 1                    | 0 V (UA)     |
| PIN 2                    | 0 V (US)     |
| PIN 3                    | PE           |
| PIN 4                    | 24 V DC (US) |
| PIN 5                    | 24 V DC (UA) |