

## MVK I/O COMPACT MODULE, METAL

DeviceNet, 16 multifunction channels

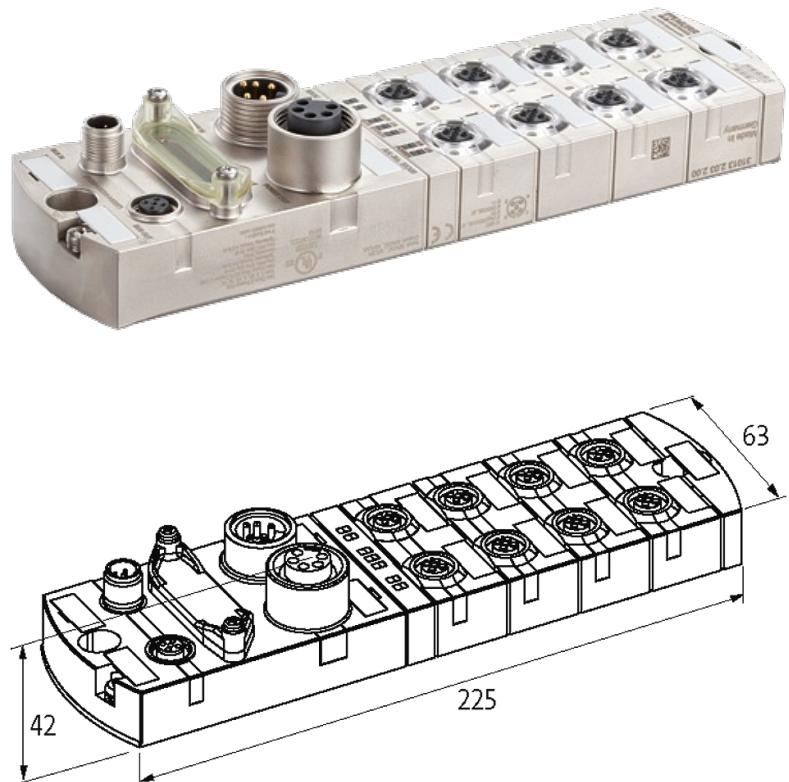
Digital inputs/outputs

DI/DO8 + 8 × Diagnostic/DI/DO

Connection cables are in the online shop under "Connection Technology". Housing fully potted.

### [Link to Product](#)

#### Illustration



Product may differ from Image

#### Approvals



#### More Info

DeviceNet

#### Input

|                  |  |
|------------------|--|
| Sensor supply US | 24 V DC (EN 61131-2), max. 200 mA (M12 female), short-circuit and overload protected |
|------------------|--|

|      |  |
|------|--|
| Type | for 3-wire sensors or mechanical switches, PNP |
|------|--|

### Connections

|          |   |
|----------|---|
| Fieldbus | DN 125 kbit/s; 250 kbit/s; 500 kbit/s; M12, A-coded |
|----------|---|

|                               |                            |
|-------------------------------|----------------------------|
| Sensor-system/actuator supply | 7/8", 5-pole, 2 × max. 9 A |
|-------------------------------|----------------------------|

|           |                      |
|-----------|----------------------|
| I/O ports | M12, 5-pole, A-coded |
|-----------|----------------------|

### Module supply

|                   |                      |
|-------------------|----------------------|
| Operating voltage | 24 V DC (EN 61131-2) |
|-------------------|----------------------|

### DeviceNet

|            |                      |
|------------|----------------------|
| Addressing | Rotary switch 0...63 |
|------------|----------------------|

### General data

|            |      |
|------------|------|
| Protection | IP67 |
|------------|------|

|                 |                       |
|-----------------|-----------------------|
| Mounting method | 2-hole screw mounting |
|-----------------|-----------------------|

|                      |              |
|----------------------|--------------|
| Dimensions H × W × D | 42×63×225 mm |
|----------------------|--------------|

|                   |   |
|-------------------|---|
| Temperature range | 0...+55 °C (storage temperature -20...+75 °C) |
|-------------------|---|

### Output

|                    |                                |
|--------------------|--------------------------------|
| Actuator supply UA | 24 V DC (EN 61131-2), max. 9 A |
|--------------------|--------------------------------|

|                              |   |
|------------------------------|---|
| Switching current per output | max. 1.6 A (short-circuit and overload protected) |
|------------------------------|---|

|           |      |
|-----------|------|
| Lamp load | 10 W |
|-----------|------|

### Parameterization

|       |              |
|-------|--------------|
| PIN 4 | Input/Output |
|-------|--------------|

|       |                         |
|-------|-------------------------|
| PIN 2 | Input/Output/Diagnostic |
|-------|-------------------------|

### Diagnostic

|                      |         |
|----------------------|---------|
| Communication status | via LED |
|----------------------|---------|

|                    |                        |
|--------------------|------------------------|
| Diagnostic via LED | per module and channel |
|--------------------|------------------------|

|                    |                        |
|--------------------|------------------------|
| Diagnostic via BUS | per module and channel |
|--------------------|------------------------|

|                            |     |
|----------------------------|-----|
| Monitoring - under voltage | yes |
|----------------------------|-----|

|                         |     |
|-------------------------|-----|
| Monitoring - no voltage | yes |
|-------------------------|-----|

|                            |     |
|----------------------------|-----|
| Short-circuit and overload | yes |
|----------------------------|-----|

|                  |                             |
|------------------|-----------------------------|
| Actuator warning | per channel via LED and BUS |
|------------------|-----------------------------|

### Commercial data

|                   |    |
|-------------------|----|
| country of origin | DE |
|-------------------|----|

|                       |          |
|-----------------------|----------|
| customs tariff number | 85176200 |
|-----------------------|----------|

|     |               |
|-----|---------------|
| EAN | 4048879051521 |
|-----|---------------|

|        |          |
|--------|----------|
| eClass | 27242604 |
|--------|----------|

|                |   |
|----------------|---|
| Packaging unit | 1 |
|----------------|---|