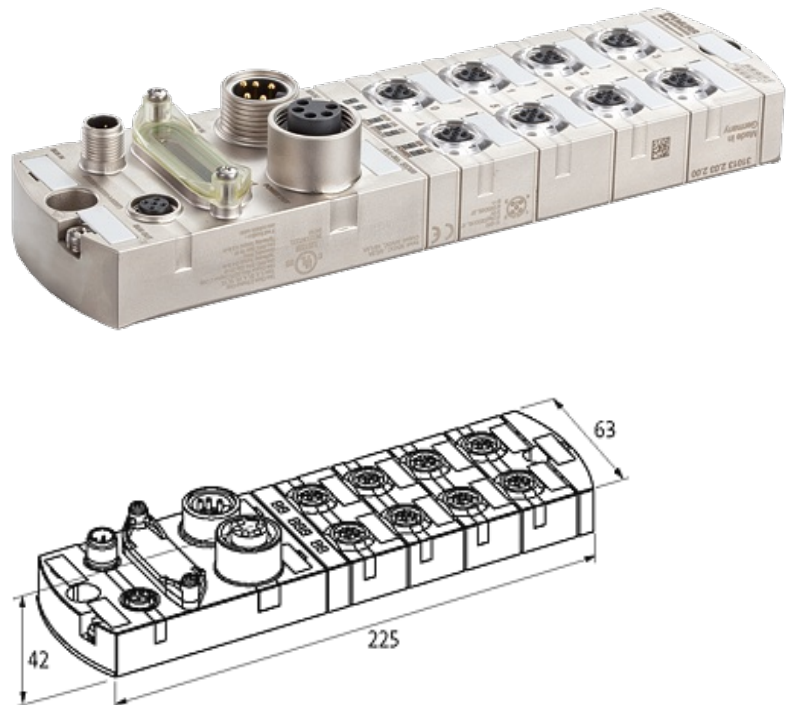


**MVK I/O COMPACT MODULE, METAL**

CANopen, 8 multif.channels / 8 dig. In / Diag

Digital inputs/outputs  
DIO8 (DI8)

For connection cables please see chapter "Connection Technology" All housings are fully potted

[Link to Product](#)**Illustration**

Product may differ from Image

**Approvals****More Info****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, (EN 61131-2)
<b>Connections</b>	
Fieldbus	M12, A-coded, 5-pole
Sensor-system/actuator supply	7/8", 5-pole, 2 × max. 9 A
I/O ports	M12, A-coded, 5-pole
<b>Fieldbus</b>	
Operating voltage	24 V DC (EN 61131-2)
Operating modes	Polling; change of state; Cyclic
Transfer rate	max. 1 Mbit/s with switchable terminal resistors
Addressing	Rotary switch 1...99
<b>General data</b>	
Protection	IP67
Mounting method	2-hole screw mounting
Temperature range	0...+55 °C (storage temperature -20...+70 °C)
Dimensions H × W × D	42×63×225 mm
<b>Parameterization</b>	
PIN 4	Input/output
PIN 2	Input/diagnostic
<b>Output</b>	
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
<b>Diagnostic</b>	
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
Cable break	per port
<b>Commercial data</b>	
country of origin	DE
customs tariff number	85176200
minimum order quantity	1