

MVK I/O COMPACT MODULE, METAL

DeviceNet, 16 multifunction channels

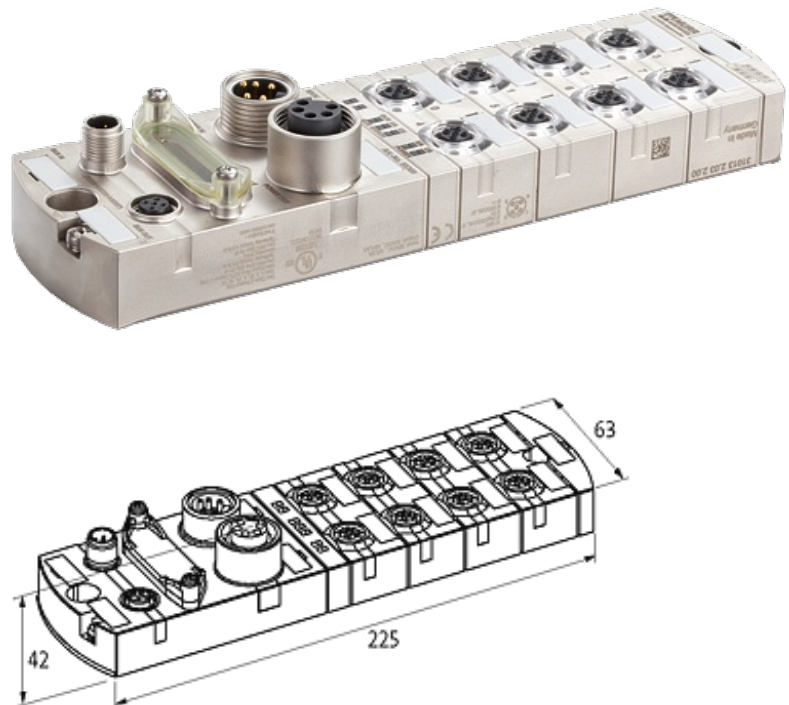
Digital inputs/outputs

DI/DO8 + 8 × diagnostic/DI/DO

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)
------	--

Connections

Fieldbus	M12, A-coded
----------	--------------

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

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

Fieldbus

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

Operating modes	Polling; change of state; Cyclic
-----------------	----------------------------------

Transfer rate	125 kbit/s; 250 kbit/s; 500 kbit/s
---------------	------------------------------------

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

General data

Protection	IP67
------------	------

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

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

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

Parameterization

PIN 4	Input/output
-------	--------------

PIN 2	Input/output/diagnostic
-------	-------------------------

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
-----------	------

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
-----------------------	----------

minimum order quantity	1
------------------------	---