

EOL - IMPACT20 DEVCIENET, DIGITAL IN-/OUTPUT MODULE

8 digital inputs and 8 digital outputs

Art.No.: 56909

Weight: 0.19

Country of origin: CZ

Model designation: Impact20 DN DI8 DO8

Digital inputs/outputs

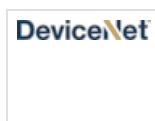
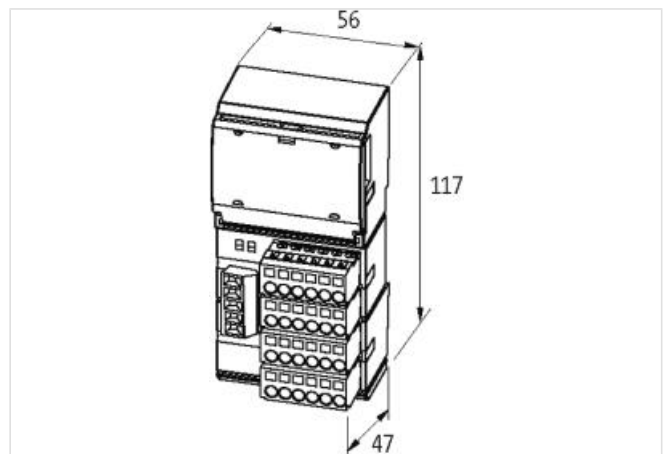
DI8 DO8 - 2 A

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
ETIM-6.0	EC001599
ETIM-7.0	EC001599
ETIM-8.0	EC001599
customs tariff number	85389099
EAN	4048879048033
Packaging unit	1

Electrical data | Supply

Operating voltage DC	24 V
----------------------	------

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-06-13

Murrelektronik GmbH | Grabenstraße 29 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com

Norm operating voltage	EN 61131-2
Operating voltage US DC	24 V
Total current max.	8 A
Total current UA max.	12 A

Electrical data | Input

Type input	PNP, for 3-wire sensors or mechanical switches
Overload resistant	yes
Short-circuit protected	yes
Current carrying capacity max.	0,7 A

Electrical data | Output

Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	2 A

Industrial communication | Bus data

Address range min.	0
Address range max.	63

Industrial communication | Devicenet

DeviceNet addressing	Rotary switch
----------------------	---------------

Diagnostics

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
Overload diagnosis	yes

Installation

Connection cross section max.	2,5 mm ²
-------------------------------	---------------------

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
-------------------------------------	------

Mechanical data | Mounting data

Mounting method	geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	117 mm
Width	56 mm
Depth	47 mm

Environmental characteristics | Climatic

Operating temperature min.	0 °C
Operating temperature max.	55 °C
Storage temperature min.	-20 °C
Storage temperature max.	70 °C

Conformity

Product standard	EN 61131-2
------------------	------------

Connection type 5

Connection type 1	Bus In
Connection type 2	X0
Connection type 3	X1
Connection type 4	X2
Connection type 5	X3
Connection	Plug-in terminals RK
Family construction form	terminal

Gender	male
Color contact carrier	green
No. of poles	5
PIN 1	V +
PIN 2	CAN_HIGH
PIN 3	PE
PIN 4	CAN_LOW
PIN 5	V -
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	CH 00
PIN 2	CH 01
PIN 3	CH 02
PIN 4	CH 03
PIN 5	UI
PIN 6	0 V
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	CH 10
PIN 2	CH 11
PIN 3	CH 12
PIN 4	CH 13
PIN 5	UA
PIN 6	0 V
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	CH 20
PIN 2	CH 21
PIN 3	CH 22
PIN 4	CH 23
PIN 5	US
PIN 6	0 V
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	CH 30
PIN 2	CH 31
PIN 3	CH 32
PIN 4	CH 33
PIN 5	FE
PIN 6	FE