

IMPACT20 PROFINET IO, DIGITAL IN-/OUTPUT MODULE

8 digital inputs and 8 digital outputs

Art.No.: 56921

Weight: 0.190 kg

Country of origin: CZ

Model designation: Impact20 PN DI8 DO8

Digital inputs/outputs

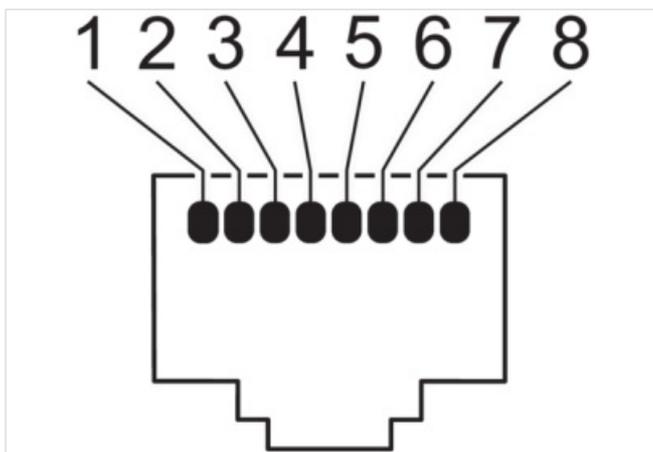
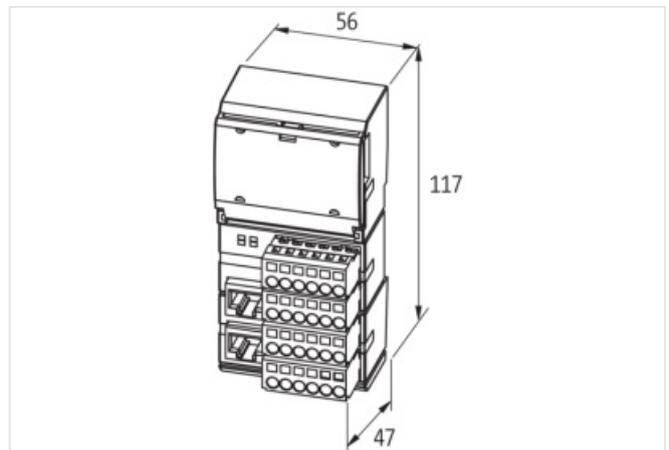
DI8 DO8 - 2 A

Connection cables are in the online shop under "Connection Technology".

Housing fully potted.

[Link to Product](#)

Illustration



Product may differ from Image



Header

Material short text

Impact20 PN DI8 DO8

Commercial data

URL Webshop	https://shop.murrelektronik.com/56921
GTIN	4048879047944
ECLASS-6.0	27242604
ECLASS-6.1	27242604
ECLASS-7.0	27242604
ECLASS-7.1	27242604
ECLASS-8.0	27242604
ECLASS-8.1	27242604
ECLASS-9.0	27242604
ECLASS-9.1	27242604
ECLASS-10.0.1	27242604
ECLASS-10.1	27242604
ECLASS-11.0	27242604
ECLASS-11.1	27242604
ECLASS-12.0	27242604
ECLASS-13.0	27242604
ECLASS-14.0	27242604
ETIM-5.0	EC001599
ETIM-6.0	EC001599
ETIM-7.0	EC001599
ETIM-8.0	EC001599
customs tariff number	85389099
EAN	4048879047944
Packaging unit	1

Electrical data | Supply

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

Electrical data | Input

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

Electrical data | Output

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

Industrial communication | Profinet

PROFINET addressing	DCP
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Diagnostics

Short circuit diagnosis	Yes
Overload diagnosis	Yes
Diagnostic	No voltage, Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
LED display	Ethernet connection/data traffic

Installation

Connection cross section max.	2,5 mm ²
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Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
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Mechanical data | Mounting data

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

Environmental characteristics | Climatic

Operating temperature min.	0 °C
Operating temperature max.	55 °C
Ambient temperature (storage, transport)	-20 °C ... 70 °C

Conformity

Product standard	IEC/EN 61131-2
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Connection type 5

Connection type 1	X0
Connection type 2	X1
Connection type 3	X2
Connection type 4	X3
Family construction form	terminal
No. of poles	6
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	CH 00
PIN 2	CH 01
PIN 3	CH 02
PIN 4	CH 03
PIN 5	UI
PIN 6	0 V
Family construction form	terminal
No. of poles	6
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	CH 10
PIN 2	CH 11
PIN 3	CH 12
PIN 4	CH 13
PIN 5	UA
PIN 6	0 V
Family construction form	terminal
No. of poles	6
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	CH 20
PIN 2	CH 21
PIN 3	CH 22
PIN 4	CH 23
PIN 5	US
PIN 6	0 V
Family construction form	terminal

No. of poles	6
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	CH 30
PIN 2	CH 31
PIN 3	CH 32
PIN 4	CH 33
PIN 5	FE
PIN 6	FE
Family construction form	RJ45
No. of poles	8
Gender	female
Color contact carrier	black
PIN 1	TX +
PIN 2	TX -
PIN 3	RX +
PIN 4	n.c.
PIN 5	n.c.
PIN 6	RX -
PIN 7	n.c.
PIN 8	n.c.