

IMPACT20 PROFINET IO, DIGITAL INPUT MODULE

16 digital inputs

Art.No.: 56920

Weight: 0.190 kg

Country of origin: CZ

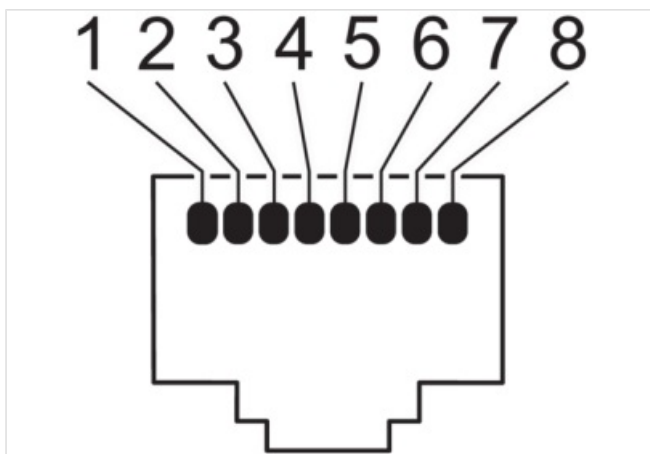
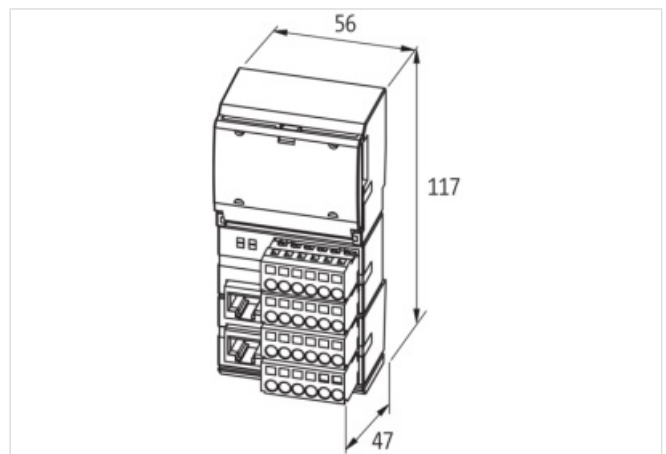
Model designation: Impact20 PN DI16

Digital inputs

DI16

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 DI16

Commercial data

URL Webshop	https://shop.murrelektronik.com/56920
GTIN	4048879047951
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	4048879047951
Packaging unit	1

Electrical data | Supply

Norm operating voltage	IEC/EN 61131-2
Operating voltage DC	24 V
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

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
Diagnostic via LED	per module
LED display	Ethernet connection/data traffic

Installation

Connection cross section max.	2,5 mm²
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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	n.c.
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.