

**IMPACT20 PROFINET IO, DIGITAL INPUT MODULE**

16 digital inputs

Digital inputs

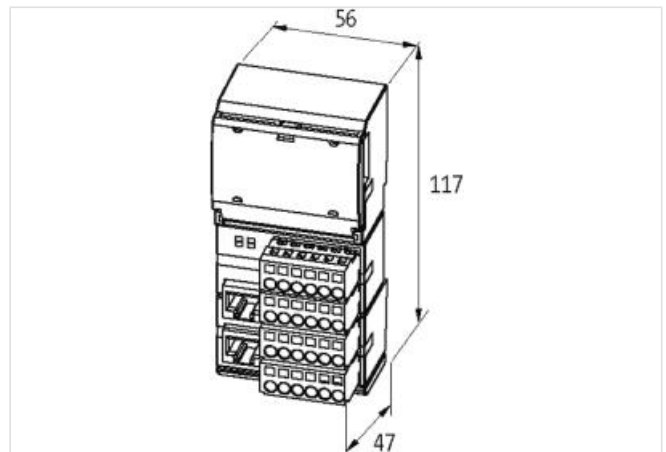
DI16

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

Housing fully potted.

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

Product may differ from Image

**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
customs tariff number	85389099
GTIN	4048879047951
Packaging unit	1

**Electrical data | Supply**

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

**Electrical data | Input**

Overload resistant	yes
Short-circuit protected	yes

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: 2024-04-27

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Type input	PNP, for 3-wire sensors or mechanical switches
Current carrying capacity max.	0,7 A
<b>Industrial communication   Profinet</b>	
PROFINET addressing	DCP
<b>Diagnostics</b>	
Diagnostic	No voltage, Under voltage
Diagnostic via BUS	per module
Diagnostic via LED	per module
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Overload diagnosis	yes
<b>Installation</b>	
Connection cross section max.	2,5 mm <sup>2</sup>
<b>Device protection   Electrical</b>	
Degree of protection (EN IEC 60529)	IP20
<b>Mechanical data   Mounting data</b>	
Mounting method	geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	117 mm
Width	56 mm
Depth	47 mm
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	0 °C
Operating temperature max.	55 °C
Storage temperature min.	-20 °C
Storage temperature max.	70 °C
<b>Conformity</b>	
Product standard	EN 61131-2
<b>Connection type 5</b>	
Connection type 1	X0
Connection type 2	X1
Connection type 3	X2
Connection type 4	X3
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	n.c.
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
Family construction form	RJ45
Gender	female
Color contact carrier	black
No. of poles	8
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.