

IMPACT20 CANOPEN, DIGITAL INPUT MODULE

16 digital inputs

Digital inputs

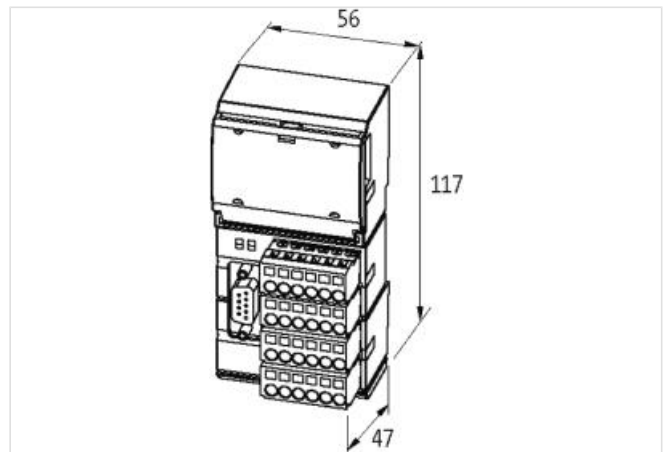
DI16

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-7.0	27242604
ECLASS-8.0	27242604
ECLASS-9.0	27242604
ETIM-5.0	EC001599
customs tariff number	85389099
GTIN	4048879048071
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
Type input	PNP, for 3-wire sensors or mechanical switches
Current carrying capacity max.	0,7 A

Industrial communication | Bus data

Address range min.	1
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Address range max. 99

Industrial communication | CANopen

CANopen addressing Rotary switch

Diagnostics

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

Installation

Connection cross section max. 2,5 mm²

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
Family construction form	D-Sub
Gender	male
Color contact carrier	black
No. of poles	9
PIN 1	n.c.
PIN 2	CAN_LOW
PIN 3	CAN_GND
PIN 4	n.c.
PIN 5	CAN_SHLD
PIN 6	PE
PIN 7	CAN_HIGH
PIN 8	n.c.
PIN 9	PE

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