

IMPACT20 PROFIBUS, DIGITAL INPUT MODULE

16 digital inputs

Digital inputs

DI16

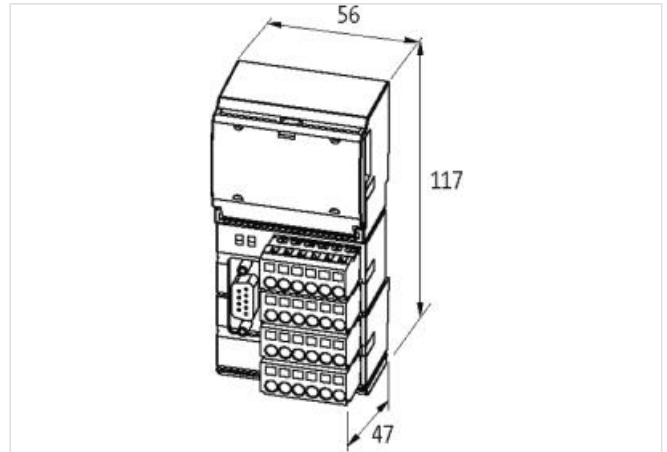
Connection cables are in the online shop under "Connection Technology".

[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	4048879048101
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.	3
Address range max.	99

Address setting type

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 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
Family construction form	D-Sub
Gender	female
Color contact carrier	white
No. of poles	9
PIN 1	n.c.
PIN 2	n.c.
PIN 3	B
PIN 4	n.c.
PIN 5	PE
PIN 6	5 V
PIN 7	n.c.
PIN 8	A
PIN 9	n.c.
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