

**IMPACT20 CANOPEN, DIGITAL INPUT MODULE**

16 digital inputs

Digital inputs

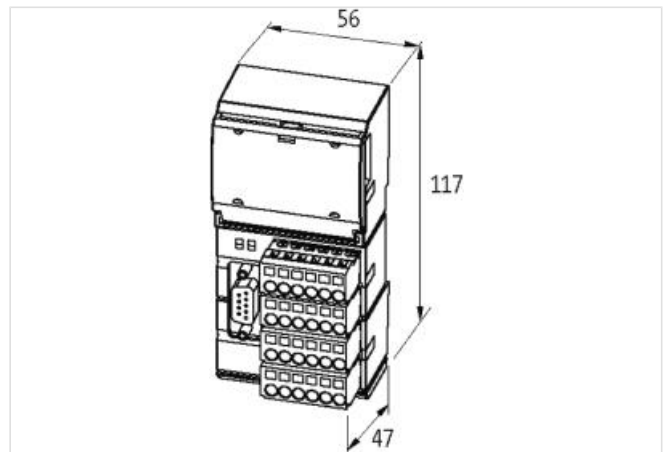
DI16

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

Housing fully potted.

**Länk till produkt****Illustration**

Produkten kan skilja sig från bilden

**Kommersiella uppgifter**

|                    |               |
|--------------------|---------------|
| ECLASS-6.0         | 27242604      |
| ECLASS-7.0         | 27242604      |
| ECLASS-8.0         | 27242604      |
| ECLASS-9.0         | 27242604      |
| ETIM-5.0           | EC001599      |
| Förpackningsenhet  | 1             |
| GTIN               | 4048879048071 |
| Kundens tullnummer | 85389099      |

**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 |
|--------------------|---|

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 mm<sup>2</sup>

#### 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                        |