

**IMPACT20 PROFIBUS, DIGITAL INPUT MODULE**

16 digital inputs

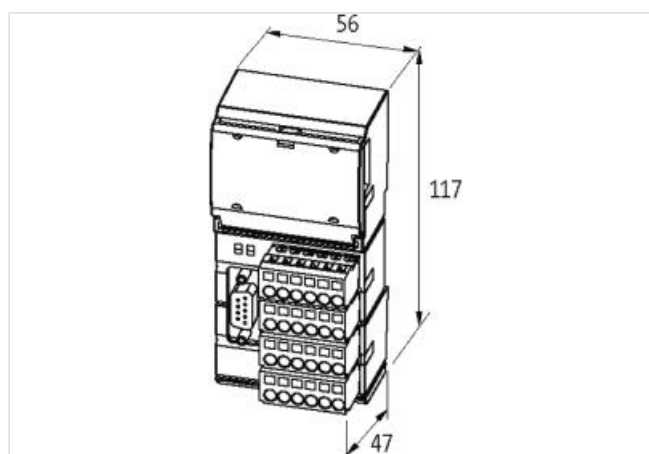
Digital inputs

DI16

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

**Link do produto****Ilustração**

Produto pode diferir da imagem

**Dados comerciais**

|                          |               |
|--------------------------|---------------|
| ECLASS-6.0               | 27242604      |
| ECLASS-7.0               | 27242604      |
| ECLASS-8.0               | 27242604      |
| ECLASS-9.0               | 27242604      |
| ETIM-5.0                 | EC001599      |
| Classificação fiscal     | 85389099      |
| GTIN                     | 4048879048101 |
| Quantidade por embalagem | 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 <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                   | 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                        |