

**IMPACT20 PROFINET IO, DIGITAL INPUT MODULE**

16 digital inputs

Digital inputs

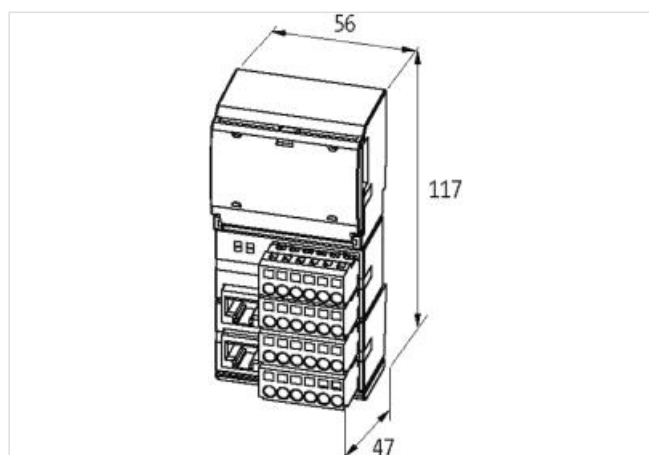
DI16

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

Housing fully potted.

**Link do produto****Ilustração**

Produto pode diferir da imagem

**Dados comerciais**

|                          |               |
|--------------------------|---------------|
| 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      |
| Classificação fiscal     | 85389099      |
| GTIN                     | 4048879047951 |
| 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                                          |
| <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.                      |