

**IMPACT20 ETHERNET-IP, DIGITAL IN-/OUTPUT MODULE**

8 digital inputs and 8 digital outputs

Digital inputs/outputs

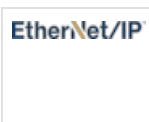
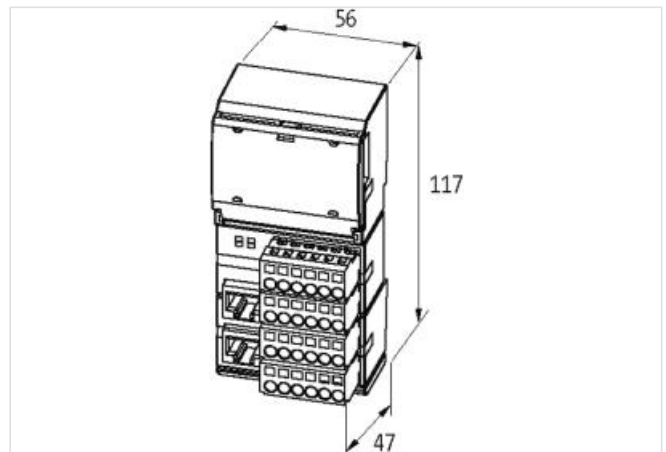
DI8 DO8 - 2 A

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                  | 4048879047975 |
| Packaging unit        | 1             |

**Electrical data | Supply**

|                         |            |
|-------------------------|------------|
| Norm operating voltage  | EN 61131-2 |
| Operating voltage US DC | 24 V       |
| Total current max.      | 8 A        |
| Total current UA max.   | 8 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                                          |

**Electrical data | Output**

|                    |     |
|--------------------|-----|
| Overload resistant | yes |
|--------------------|-----|

|                                                 |                                  |
|-------------------------------------------------|----------------------------------|
| Short-circuit protected                         | yes                              |
| Output current per pin max.                     | 2 A                              |
| <b>Industrial communication   Ethernet/IP</b>   |                                  |
| EtherNet/IP addressing                          | BOOTP, DHCP, Rotary switch       |
| <b>Diagnostics</b>                              |                                  |
| Diagnostic                                      | No voltage, Under voltage        |
| Diagnostic via BUS                              | per module and channel           |
| Diagnostic via LED                              | per module and channel           |
| 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>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                    | UA                        |
| 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.                      |