

IMPACT20 ETHERNET-IP, DIGITAL INPUT MODULE

16 digital inputs

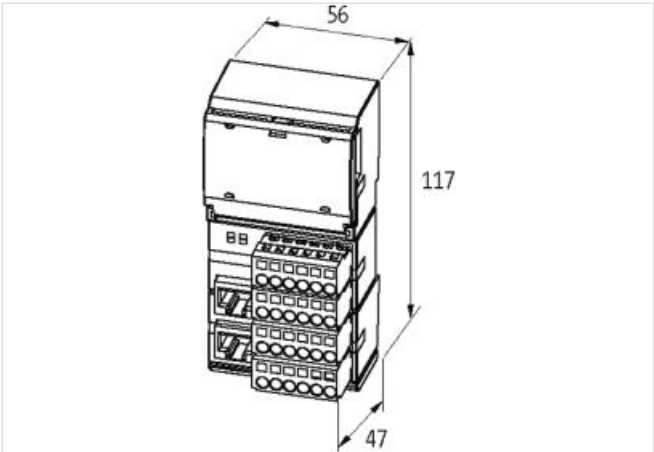
Digital inputs  
DI16  
Connection cables are in the online shop under "Connection Technology".  
Housing fully potted.

Link to Product

Illustration



Product may differ from Image



| Commercial data          |  |
|--------------------------|--|
| ECLASS-6.0               | 27242604                                       |
| ECLASS-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                                       |
| customs tariff number    | 85389099                                       |
| GTIN                     | 4048879047982                                  |
| Packaging unit           | 1  |
| Electrical data   Supply |  |
| Norm operating voltage   | EN 61131-2                                     |
| Operating voltage US DC  | 24 V   |
| 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

#### Industrial communication | Ethernet/IP

EtherNet/IP addressing BOOTP, DHCP, 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  |

#### Connection type 5

|                          |                           |
|--------------------------|---------------------------|
| 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.                      |