

## DIN rail bus connectors - HBUS 107,6-16P-1S BK - 2896306

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DIN rail connector, color: jet black, Number of positions per row: 16, pitch: 2.54 mm

### Your advantages

- ✓ Tool-free mounting
- ✓ Plenty of space for additional circuits on matrix or additional boards
- ✓ GPIO strip can be used with PTSM series connection technology
- ✓ Easy module-to-module connection, thanks to bus connection via DIN rails



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 10 pc                                                                                                   |
| GTIN         | <br>4 046356 096744 |
| GTIN         | 4046356096744                                                                                           |

### Technical data

#### General

|                  |           |
|------------------|-----------|
| Housing material | Polyamide |
|------------------|-----------|

#### Ambient conditions

|                                 |                                                     |
|---------------------------------|-----------------------------------------------------|
| Ambient temperature (operation) | -40 °C ... 105 °C (dependent on the derating curve) |
|---------------------------------|-----------------------------------------------------|

#### Dimensions

|        |          |
|--------|----------|
| Length | 37.1 mm  |
| Width  | 107.6 mm |
| Pitch  | 2.54 mm  |
| Height | 13.6 mm  |

#### Technical data

|                                  |      |
|----------------------------------|------|
| Connection in acc. with standard | CUL  |
| Nominal voltage $U_N$            | 60 V |

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### Technical data

#### Technical data

|                       |      |
|-----------------------|------|
| Nominal current $I_N$ | 2 A  |
| Indicator1            | CUL1 |
| Number of positions   | 16   |

#### Standards and Regulations

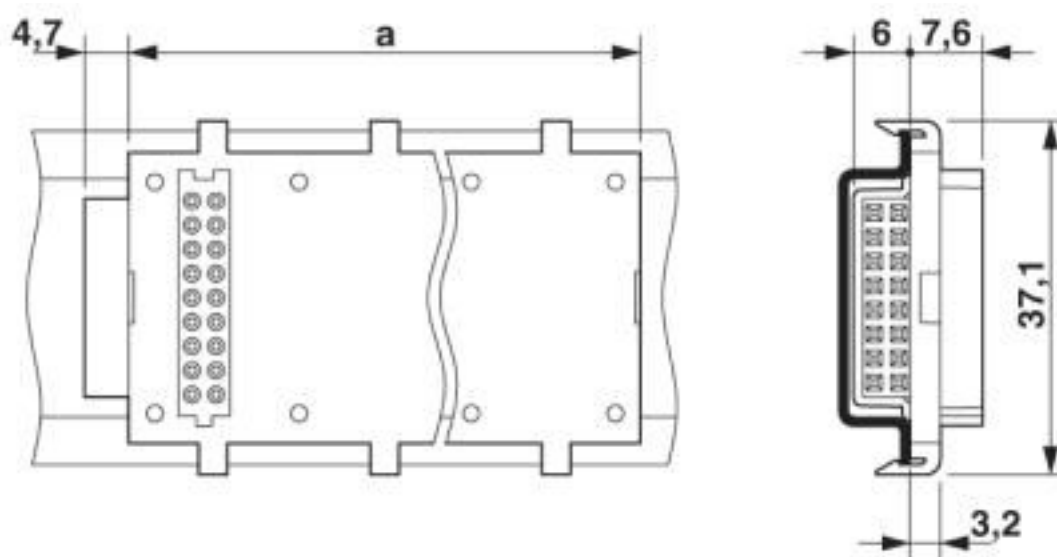
|                                        |     |
|----------------------------------------|-----|
| Connection in acc. with standard       | CUL |
| Flammability rating according to UL 94 | V0  |

#### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

### Drawings

Dimensional drawing



A= 107.6 mm

### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440309 |
| eCl@ss 11.0   | 27460202 |
| eCl@ss 4.0    | 27260700 |
| eCl@ss 4.1    | 27260700 |
| eCl@ss 5.0    | 27260700 |
| eCl@ss 5.1    | 27260700 |
| eCl@ss 6.0    | 27260700 |

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 7.0 | 27440309 |
| eCl@ss 8.0 | 27440309 |
| eCl@ss 9.0 | 27440309 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002638 |
| ETIM 6.0 | EC002638 |
| ETIM 7.0 | EC002638 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |
| UNSPSC 18.0   | 39121409 |
| UNSPSC 19.0   | 39121409 |
| UNSPSC 20.0   | 39121409 |
| UNSPSC 21.0   | 39121409 |

### Approvals

#### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approval details

|                    |                                                                                     |                                                                                                                                                       |               |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Recognized      |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 118976 |
| Nominal voltage UN | 30 V                                                                                |                                                                                                                                                       |               |
| Nominal current IN | 2 A                                                                                 |                                                                                                                                                       |               |

## DIN rail bus connectors - HBUS 107,6-16P-1S BK - 2896306

### Approvals

|                    |                                                                                   |                                                                                                                                                       |               |
|--------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| cUL Recognized     |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 118976 |
| Nominal voltage UN | 30 V                                                                              |                                                                                                                                                       |               |
| Nominal current IN | 2 A                                                                               |                                                                                                                                                       |               |

|     |                                                                                   |         |
|-----|-----------------------------------------------------------------------------------|---------|
| EAC |  | B.01687 |
|-----|-----------------------------------------------------------------------------------|---------|

|                  |                                                                                   |
|------------------|-----------------------------------------------------------------------------------|
| cULus Recognized |  |
|------------------|-----------------------------------------------------------------------------------|

### Accessories

#### Accessories

##### Cable set

Cable set - BSL-2,54/16-ST 40CM - 2202938



Cable bridge for cross-DIN-rail connection of the HBUS connector

Cable set - BSL2-2,54/16-ST - 2201281



Cable bridge for cross-DIN-rail connection of the HBUS connector

Power plug - SL2-2,54/16-ST - 2896348



Power connector for DIN rail bus connector with 16 free cable ends with a cross section of 0.25 mm², 500 mm long, male contacts

## DIN rail bus connectors - HBUS 107,6-16P-1S BK - 2896306

### Accessories

Power plug - BL2-2,54/16-ST - 2896335



Power connector for DIN rail bus connector with 16 free cable ends with a cross section of 0.25 mm<sup>2</sup>, 500 mm long, female contacts

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### Filler plug

Protective cap - HBUS-B SET BK - 2278173



Set of 3 caps, for protecting unused DIN rail bus connectors, simply snap on to fit

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### Necessary add-on products

Pin strip - PSTD 0,65X0,65/9-2,54 - 2200700



Pin strip, Number of positions per row: 18, pitch: 2.54 mm

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