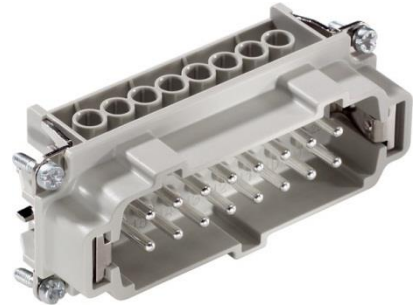


|                           |                                            |                                                                                     |
|---------------------------|--------------------------------------------|-------------------------------------------------------------------------------------|
| 10194000                  | <b>DATA SHEET</b>                          |  |
| Valid from:<br>07.02.2025 | <b>EPIC® H-BE 16 SS DR / H-BE 16 BS DR</b> |                                                                                     |

## Description

- Standard inserts with screw termination, crimp termination, cage clamp termination and Push-In termination
- The EPIC® H-BE series is suitable for applications that require a reliable connection when working with high voltages and currents
- Use for railway applications -Brand protection in rail vehicles: test according to EN 45545-2. Requirement sentences R22 and R23. Hazard levels HL1, HL2 and HL3.
- UL tested for control cabinet applications with high SCCR ratings in accordance with UL 508 / UL 2237.



## General Characteristics

|                              |                                              |
|------------------------------|----------------------------------------------|
| Series                       | H-BE 16: 1-16; 17-32; 17-32 LP               |
| Version 1-16                 | Male: 10194000; Female: 10195000             |
| Version 17-32                | Male: 10202000; Female: 10203000             |
| Wire Protection              | Yes                                          |
| Number of Contacts           | 16 + PE (32 + 2xPE)                          |
| Termination Methods          | Screw termination: 0.5 - 2.5 mm <sup>2</sup> |
| Protection (DIN EN 60529)    | IP65                                         |
| Protection (NEMA 250, UL50E) | 4, 12                                        |
| Temperature Range            | -40°C to +100°C, short-term up to +125°C     |

## Mechanical Characteristics

|                               |     |
|-------------------------------|-----|
| Cycle of mechanical operation | 500 |
|-------------------------------|-----|

## Electrical Characteristics

|                       |                                   |
|-----------------------|-----------------------------------|
| Rated Voltage, IEC    | 500 V                             |
| Rated Voltage, UL     | 600 V                             |
| Rated Voltage, CSA    | 600 V                             |
| Rated Impulse Voltage | 6 kV                              |
| Rated Current, IEC    | 16 A                              |
| Rated Current, UL     | 16 A                              |
| Rated Current, CSA    | 16 A                              |
| Contact Resistance    | < 2 mOhm                          |
| Degree of Soiling     | 3                                 |
| SCCR                  | See <a href="#">PVVA2:E483837</a> |

## Materials and Surfaces

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Contacts                              | Copper alloy, hard silver-plated |
| Insulating Body                       | PC                               |
| Flammability Class according to UL 94 | V0                               |

## Approvals

|                            |                 |
|----------------------------|-----------------|
| UL-Approval, E-File-Number | E75770, E483837 |
| VDE-Approval, VDE-REG.-Nr. | B437            |

## Standard

|                             |                                            |
|-----------------------------|--------------------------------------------|
| Safety/Application Standard | IEC 61984, UL 1977, CSA22.2 182.3, UL 2237 |
|-----------------------------|--------------------------------------------|

|                                                   |                                       |             |
|---------------------------------------------------|---------------------------------------|-------------|
| Creator: THB01/BU EPIC<br>Released: IVSE1/BU EPIC | Document: DB10194000EN<br>Version: 07 | Page 1 of 2 |
|---------------------------------------------------|---------------------------------------|-------------|

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