

## EPIC® H-BE 16 Push-In termination

The proven standard inserts for easy assembly

Inserting the wire with the female terminal into the push-in insert without using the tool ensures safe installation and saves time.

### Info

Push-In version - fast and easy tool free connection technology

Screw, crimp, cage clamp and Push-In version - freely combinable

Multifunctional insert for versatile applications



Supplementary automation components from Lapp



Mechanical and plant engineering



Rail



Assembly time



Robust



Temperature-resistant



### Benefits

Insertion of cores with end sleeves in Push-In inserts gives mounting safety and time saving without any tools

Easy dismantling and insertion of wires by pushing the orange button

Test socket for standard 2mm test tip for easy testing of Push-In inserts

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## EPIC® H-BE 16 Push-In termination

Railway applications

- Fire protection on railway vehicles: Test according EN 45545-2. Requirement sets R22 and R23. Hazard level HL1, HL2 and HL3  
The EPIC® H-BE series is suitable for applications that require a reliable connection when working with high voltages and currents

### Application range

Mechanical engineering  
Plastics industry  
Light & sound technology  
Railway applications / vehicle construction

### Technical Data

|                                |                                                                                                     |
|--------------------------------|-----------------------------------------------------------------------------------------------------|
| Classification ETIM 5:         | ETIM 5.0 Class-ID: EC000438<br>ETIM 5.0 Class-Description: Contact insert for industrial connectors |
| Classification ETIM 6:         | ETIM 6.0 Class-ID: EC000438<br>ETIM 6.0 Class-Description: Contact insert for industrial connectors |
| Rated voltage (V):             | IEC: 500 VUL: 600 VCSA: 600 V                                                                       |
| Rated impulse voltage:         | 6 kV                                                                                                |
| Rated current (A):             | IEC: 16 A<br>UL: 13 A<br>CSA: 13 A                                                                  |
| Pollution degree:              | 3                                                                                                   |
| Flammability:                  | UL94 V-0                                                                                            |
| Contact resistance:            | < 2 mOhm                                                                                            |
| Contacts:                      | Copper alloy, hard silver-plated                                                                    |
| Number of contacts:            | 16 + PE                                                                                             |
| Termination methods:           | Push-In termination: 0.14 - 2.5mm <sup>2</sup>                                                      |
| Stripping length (mm):         | 10                                                                                                  |
| Material:                      | PA Polyamid                                                                                         |
| Cycle of mechanical operation: | 500                                                                                                 |
| Certifications:                | UL-tested:<br>UL File Number: E75770                                                                |
| Temperature range:             | -40°C to +100°C, short-term up to +125°C                                                            |

### Note

Photographs and graphics are not to scale and do not represent detailed images of the respective products.  
Prices are net prices without VAT and surcharges. Sale to business customers only.

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| Article number              | Article description | Contact type | Wire protection | Number of operating contacts | Pieces / PU |
|-----------------------------|---------------------|--------------|-----------------|------------------------------|-------------|
| H-BE 16 Push-In termination |                     |              |                 |                              |             |
| 44423204                    | EPIC® H-BE 16 SP    | male         | yes             | 1 - 16                       | 5           |
| 44423205                    | EPIC® H-BE 16 BP    | female       | yes             | 1 - 16                       | 5           |

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