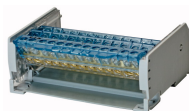


# DATASHEET - BPZ-KB-13/125



**Terminal block 4 poles, 125A**

**Part no. BPZ-KB-13/125**  
**Catalog No. 102719**

**EL-Nummer 2459295**  
**(Norway)**



## Delivery program

|                                   |  |    |                                                                       |
|-----------------------------------|--|----|-----------------------------------------------------------------------|
| Mounting type                     |  |    | Floor standing distribution board<br>Surface mounted<br>Flush mounted |
| Degree of Protection              |  |    | IP20                                                                  |
| Mounting position                 |  |    | universal                                                             |
| Number of poles                   |  |    | 4 pole                                                                |
| Width                             |  | mm | 126                                                                   |
| Depth                             |  | mm | 48                                                                    |
| Height                            |  | mm | 93                                                                    |
| Number of clamping units per pole |  |    | 14                                                                    |
| Rated device current              |  | A  | 125                                                                   |

## Technical data

### General

|                                                                                       |  |    |                                                                                                                                                                     |
|---------------------------------------------------------------------------------------|--|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                                                                             |  |    | IEC 60 947 -7 -1                                                                                                                                                    |
| RoHS (in accordance with Directive 2002/95/EC of the European Parliament and Council) |  |    | conform                                                                                                                                                             |
| Heat deflection temperature                                                           |  | °C | PA66 ≥ 140<br>PC ≥ 120                                                                                                                                              |
| UL 94 flame classification                                                            |  |    | PA66 = V-0<br>PC = V-2                                                                                                                                              |
| Comparative tracking index                                                            |  | V  | PA66 = 600<br>PC = 300                                                                                                                                              |
| Degree of Protection                                                                  |  |    | IP20                                                                                                                                                                |
| Assembly details                                                                      |  |    | Clicks on DIN-rail or on base plate.<br>Save time on wiring.<br>Save 80% on space used.<br>Modular construction, 1-4 pole Systems can be built with several blocks. |

### Electrical

|                                           |                 |      |      |
|-------------------------------------------|-----------------|------|------|
| IEC                                       |                 |      |      |
| Max. electrical load / Cu                 |                 | A    | 125  |
| Max. operating voltage / Cu               |                 | V AC | 690  |
| Max. operating voltage / Cu               |                 | V DC | 1500 |
| Rated peak withstand current              | I <sub>pk</sub> | kA   | 29   |
| Rated short-time withstand current (t=1s) | I <sub>cw</sub> | kA   | 4.2  |

### Material characteristics

|                          |  |  |                |
|--------------------------|--|--|----------------|
| Material                 |  |  |                |
| Clamping body            |  |  | Brass          |
| Housing                  |  |  | PA66           |
| Housing body             |  |  | PC             |
| Hexagon socket set screw |  |  | Steel          |
| Surface finish           |  |  |                |
| Clamping body            |  |  | Plain          |
| Hexagon socket set screw |  |  | Zn-Plated      |
| Colour                   |  |  |                |
| Housing                  |  |  | grey, RAL 7035 |
| Housing body             |  |  | clear          |

### Terminal capacity

|                         |  |                 |        |
|-------------------------|--|-----------------|--------|
| Incomer                 |  |                 |        |
| single wire/multi wire  |  | mm <sup>2</sup> | 6 - 35 |
| fine wire (with sleeve) |  | mm <sup>2</sup> | 6 - 25 |

|                         |  |                 |                      |
|-------------------------|--|-----------------|----------------------|
| Torque                  |  | N/m             | 1.5                  |
| Outgoings               |  |                 |                      |
| single wire/multi wire  |  | mm <sup>2</sup> | 1.5 - 25<br>1.5 - 16 |
| fine wire (with sleeve) |  | mm <sup>2</sup> | 1.5 - 16<br>1.5 - 10 |
| Torque                  |  | N/m             | 1.5                  |

## Technical data ETIM 6.0

Energy distribution systems (EG000015) / Distributor assembly terminal blocks (EC001894)

Electric engineering, automation, process control engineering / Electrical insulation and connecting material / Energy distribution system / Distributor assembly terminal blocks (ecI@ss8.1-27-40-06-09 [ACO381008])

|                                                                      |  |                 |          |
|----------------------------------------------------------------------|--|-----------------|----------|
| Height                                                               |  | mm              | 93       |
| Width                                                                |  | mm              | 126      |
| Depth                                                                |  | mm              | 48       |
| Max. rated current                                                   |  | A               | 125      |
| Number of poles                                                      |  |                 | 4        |
| Conductor cross section flexible (fine-strand) with cable end sleeve |  | mm <sup>2</sup> | 2.5 - 35 |
| Conductor cross section solid (solid, stranded)                      |  | mm <sup>2</sup> | 2.5 - 35 |
| Number of clamp positions per pole                                   |  |                 | 13       |
| With PE-rail                                                         |  |                 | No       |
| With N-rail                                                          |  |                 | No       |

## Dimensions

