

**B6 female 6-pole, Push-in, 500 V, 16 A**

E-Series

B6

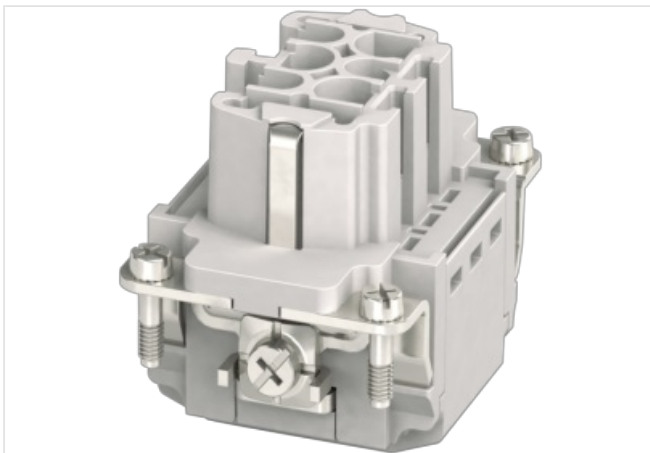
Female

6-pole

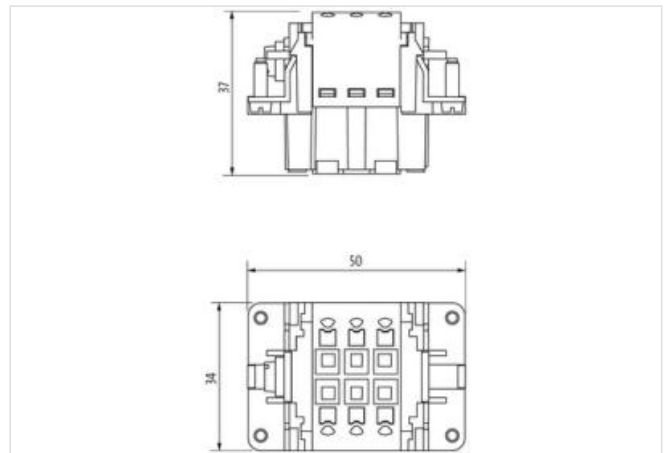
Push-In terminals

Technical data will be only guaranteed with Murrelektronik components.

Please use wire end ferrule.

[Link to Product](#)**Illustration**

Product may differ from Image

**Commercial data**

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27143424      |
| ECLASS-6.1            | 27261204      |
| ECLASS-7.0            | 27440205      |
| ECLASS-8.0            | 27440205      |
| ECLASS-9.0            | 27440205      |
| ECLASS-10.1           | 27440205      |
| ECLASS-11.1           | 27440205      |
| ECLASS-12.0           | 27440205      |
| ETIM-5.0              | EC000438      |
| customs tariff number | 85389099      |
| GTIN                  | 4048879664455 |
| Packaging unit        | 1             |

**Electrical data | Supply**

|                      |       |
|----------------------|-------|
| Operating voltage AC | 500 V |
| Operating voltage DC | 500 V |
| Operating current    | 16 A  |

**Installation**

|                               |                      |
|-------------------------------|----------------------|
| Connection cross section min. | 0,14 mm <sup>2</sup> |
| Connection cross section max. | 2,5 mm <sup>2</sup>  |

|                 |    |
|-----------------|----|
| AWG number min. | 26 |
|-----------------|----|

|                 |    |
|-----------------|----|
| AWG number max. | 14 |
|-----------------|----|

#### Installation | Connection

|                       |      |
|-----------------------|------|
| Stripping length min. | 8 mm |
|-----------------------|------|

|                       |       |
|-----------------------|-------|
| Stripping length max. | 10 mm |
|-----------------------|-------|

|            |                                |
|------------|--------------------------------|
| Connection | Push-In spring clamp terminals |
|------------|--------------------------------|

|        |        |
|--------|--------|
| Gender | female |
|--------|--------|

|                    |     |
|--------------------|-----|
| Mating cycles min. | 500 |
|--------------------|-----|

#### Installation | Pin assignment

|              |        |
|--------------|--------|
| No. of poles | 6 + PE |
|--------------|--------|

#### Device protection | Electrical

|                  |   |
|------------------|---|
| Pollution Degree | 3 |
|------------------|---|

|                     |      |
|---------------------|------|
| Rated surge voltage | 6 kV |
|---------------------|------|

|                                   |     |
|-----------------------------------|-----|
| Overvoltage category (EN 60950-1) | III |
|-----------------------------------|-----|

#### Mechanical data | Material data

|                 |               |
|-----------------|---------------|
| Coating contact | silver-plated |
|-----------------|---------------|

|                             |     |
|-----------------------------|-----|
| Combustibility class (UL94) | V-0 |
|-----------------------------|-----|

|                  |       |
|------------------|-------|
| Material contact | Brass |
|------------------|-------|

|                          |    |
|--------------------------|----|
| Material contact carrier | PC |
|--------------------------|----|

#### Mechanical data | Mounting data

|      |    |
|------|----|
| Size | B6 |
|------|----|

|        |         |
|--------|---------|
| Height | 35,6 mm |
|--------|---------|

|       |         |
|-------|---------|
| Width | 33,9 mm |
|-------|---------|

|       |         |
|-------|---------|
| Depth | 50,4 mm |
|-------|---------|

#### Environmental characteristics | Climatic

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -40 °C |
|----------------------------|--------|

|                            |        |
|----------------------------|--------|
| Operating temperature max. | 125 °C |
|----------------------------|--------|

|                                    |           |
|------------------------------------|-----------|
| Climatic category (EN IEC 60068-1) | 40/125/10 |
|------------------------------------|-----------|