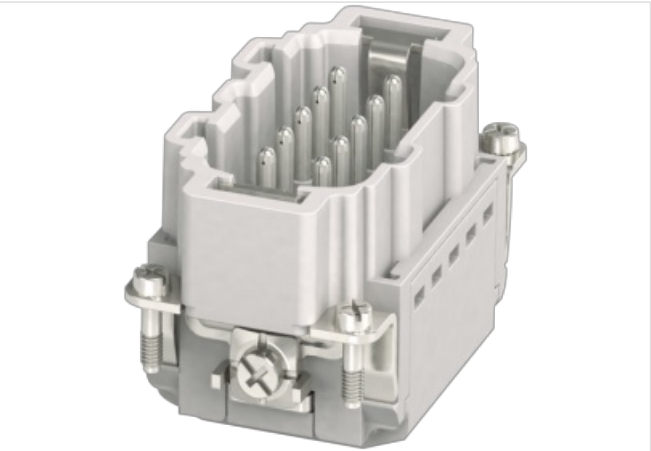


B10 male 10-pole, Push-in, 500 V, 16 A

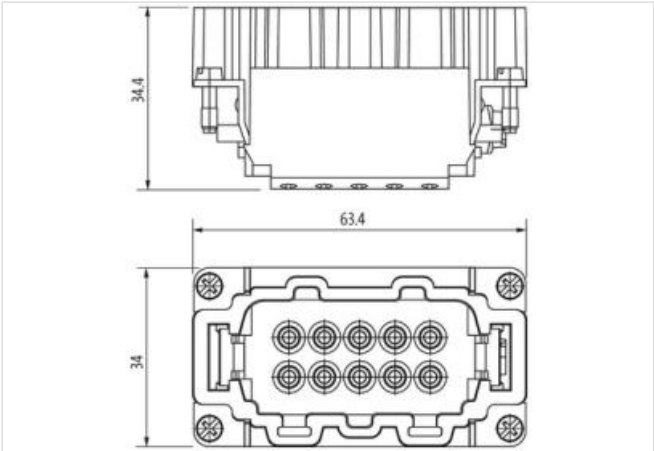
E-Series  
B10  
Male  
10-pole  
Push-In terminals  
Technical data will be only guaranteed with Murrelektronik components.  
Please use wire end ferrule.

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                          | 4048879664486 |
| 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 mm²      |
| Connection cross section max. | 2,5 mm²       |

|                 |    |
|-----------------|----|
| 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 | male |
|--------|------|

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

#### Installation | Pin assignment

|              |         |
|--------------|---------|
| No. of poles | 10 + 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 | B10 |
|------|-----|

|        |         |
|--------|---------|
| Height | 33,7 mm |
|--------|---------|

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

|       |         |
|-------|---------|
| Depth | 63,4 mm |
|-------|---------|

#### Environmental characteristics | Climatic

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

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

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