

eco|mate Single hole mounting

Optimized constructed space solution for 3+PE application up to 18A

Advantage:

- Easy mounting
- Optimized constructed space
- IP65/67
- Crimp contacts for automated processing
- ...

Application:

- Agriculture
- Lighting
- Measuring and control technology
- Machine building
- ...



Technical datas:

| General Characteristics | Standard | Value |
|---------------------------|----------------|--------------------|
| Number of contacts | | 3+PE |
| Pollution degree | IEC 60664-1 | 3 |
| Overtoltage category | IEC 60664-1 | III |
| Material group | IEC 60644-1 | II |
| Rated impulse voltage | IEC 60644-1 | 6000V |
| Current carrying capacity | IEC 605 12-5-2 | 18 A / + 40°C |
| Insulation resistance | IEC 605 12-3-1 | ≥10 ⁸ Ω |
| Contact resistance | IEC 605 12-2-1 | ≤ 5 mΩ |
| Protection class | IEC 60529 | IP 65 / IP 67 |
| Rated voltage | | 400V |
| | | |

Partnumbers:

| | with holding clip | without holding clip |
|-------------------|--------------------|----------------------|
| Male receptacle | C016 10P003 000 12 | C016 10P003 810 12 |
| Female receptacle | C016 10N003 000 12 | C016 10N003 810 12 |
| | | |



Crimping tool:

| | | |
|-----------------|---------------------------|------------------|
| Crimping tool | TA 0000 | |
| | | |
| | wire range | part number |
| Contact locator | 0,5 - 1,5 mm ² | TA 0001 016 0001 |
| Contact locator | 1,5 - 2,5 mm ² | TA 0001 016 0002 |
| Crimping die | 0,5 - 1,5 mm ² | TA 0000 163 |
| Crimping die | 1,5 - 2,5 mm ² | TA 0000 141 |
| | | |

Crimp contacts:

Partnumbers:

| Coating | wire range | pcs | Pin contacts | Socket contacts |
|-------------------|---|------|-----------------|-----------------|
| Silver / Standard | 0,5 mm ² - 1,5 mm ² | 100 | VN01 020 0023 1 | VN02 020 0023 1 |
| Silver / Standard | 1,5 mm ² - 2,5 mm ² | 100 | VN01 020 0024 1 | VN02 020 0024 1 |
| Silver | 0,5 mm ² - 1,5 mm ² | 200 | ZN01 020 0023 1 | ZN02 020 0023 1 |
| Silver | 1,5 mm ² - 2,5 mm ² | 200 | ZN01 020 0024 1 | ZN02 020 0024 1 |
| Silver | 0,5 mm ² - 1,5 mm ² | 2000 | HN01 020 0023 1 | HN02 020 0023 1 |
| Silver | 1,5 mm ² - 2,5 mm ² | 2000 | HN01 020 0024 1 | HN02 020 0024 1 |
| Silver | 0,5 mm ² - 1,5 mm ² | 2000 | TN01 020 0023 1 | TN02 020 0023 1 |
| Silver | 1,5 mm ² - 2,5 mm ² | 2000 | TN01 020 0024 1 | TN02 020 0024 1 |
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