# 4337.**

## 6.3 (.250) TYPE SERIES · RECEPTACLES FOR CONNECTOR

**Specification** Standard Terminals

**Typology** Without dimple

**For male (mm)** 6,3x0,8

**Din** 46340

**Wire size mm² (AWG)** 1-2,5 (18-14)

**Ø Insulation (mm)** 3-4,3

**Materials, temperature and contact resistance**

| Part nr. | Material | Finishing | Max. Temp. (ºC) | Contact Resist (mΩ) |
|---|---|---|---|---|
| 4337.00 | Brass | Natural | 110 | 0.75 |
| 4337.02 | Brass | Tin plated | 120 | 0.50 |
| 4337.30 | Bronze | Natural | 120 | 0.75 |
| 4337.32 | Bronze | Tin plated | 130 | 0.75 |

**Material thickness (mm)** 0,4

**Max. rated current**

| Wire section | 4337.00 / 02 / 30 / 32 |
|---|---|
| 1.00 mm² | 12A |
| 1.50 mm² | 16A |
| 2.50 mm² | 20A |

**Insertion / Withdrawal forces**

| | 4337.00 / 30 | 4337.02 / 32 |
|---|---|---|
| 1st Insertion (max) | 30N[1] | 40N[1] |
| 1st Withdrawal (max) | 35N[1] | 40N[1] |
| 6th Withdrawal (min) | 7N[1] | 7N[1] |

[1] Valid for Natural Brass Tab

**Application tool** MN4327

**Wire strip length** 5.0 (±0.5) mm

**Crimping parameters & pull out force**

| Wire section (±10%) | Conductor | | Insulator | Pull-out force (N) |
|---|---|---|---|---|
| | Height (mm) | Width (mm) | Width (mm) | |
| 1.00 mm² | 1.55 (±0.05) | 3.04 (±0.05) | 4.07 (±0.10) | 108N @ 60s |
| 1.50 mm² | 1.70 (±0.05) | 3.04 (±0.05) | 4.07 (±0.10) | 150N @ 60s |
| 2.00 mm² | 1.80 (±0.05) | 3.05 (±0.05) | 4.09 (±0.10) | 150N @ 60s |
| 2.50 mm² | 1.90 (±0.05) | 3.06 (±0.05) | 4.13 (±0.10) | 230N @ 60s |

Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

**Winding number** 7000

**Compatible connectors** 26351**, 26352**, 26353**, 26354**, 26355**, 26356**, 26357**, 26358**, 26374**, 26375**, 26378**, 26380**, 26386**, 26387**, 26390**, 26397**

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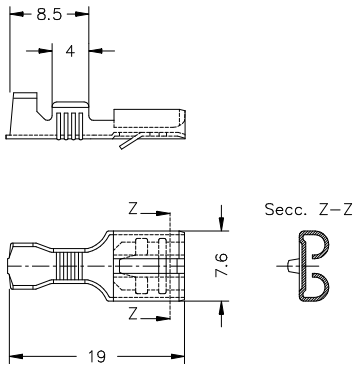
## 6.3 (.250) TYPE SERIES · RECEPTACLES FOR CONNECTOR

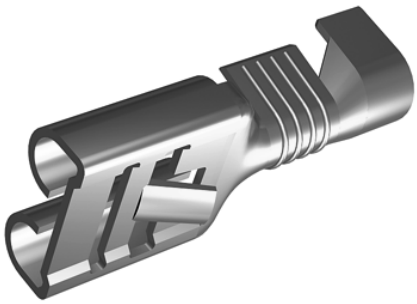
**Approved regulations**

| Part nr. | Approval | Standard | File | Certified framework |
|---|---|---|---|---|
| 4337.00 | UL | UL 310 | E211727 | AWG 18-14 (16-41 Stranded Cu) / MN4337 |
| 4337.02 | UL | UL 310 | E211727 | AWG 18-14 (16-41 Stranded Cu) / MN4337 |
| 4337.30 | UL | UL 310 | E211727 | AWG 18-14 (16-41 Stranded Cu) / MN4337 |
| 4337.32 | UL | UL 310 | E211727 | AWG 18-14 (16-41 Stranded Cu) / MN4337 |

**Approvals**

**Drawing**

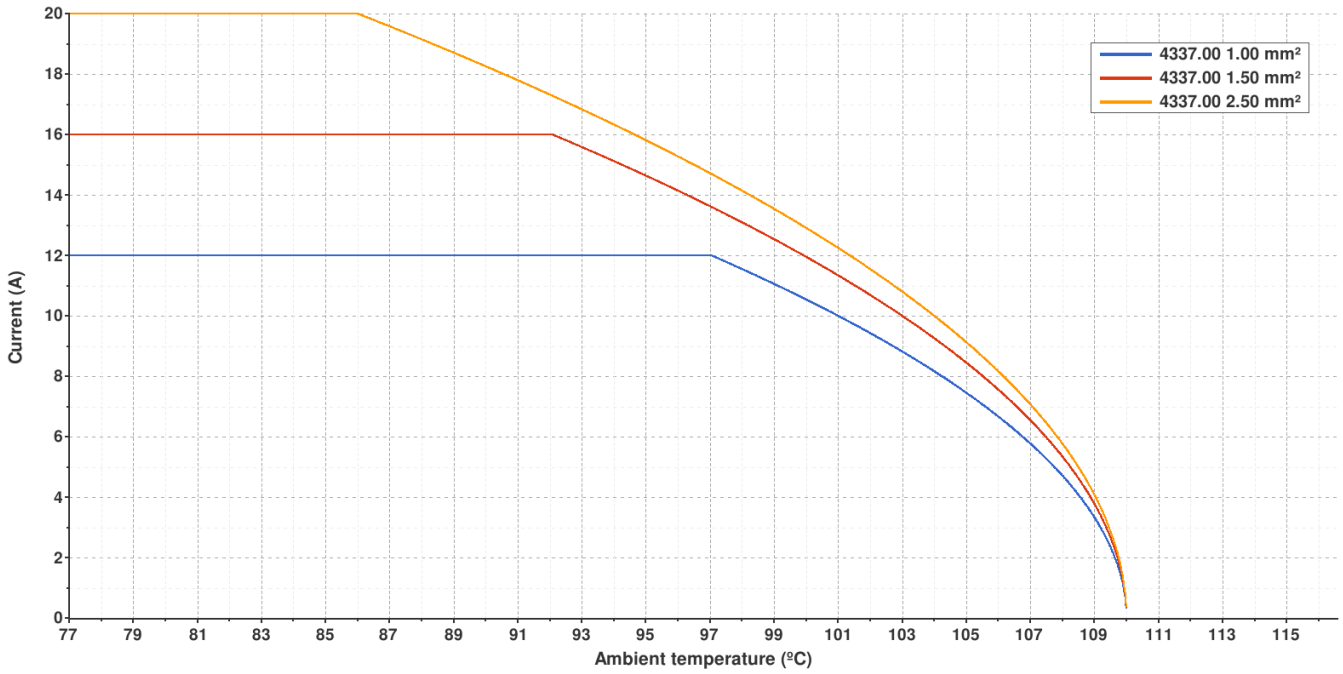


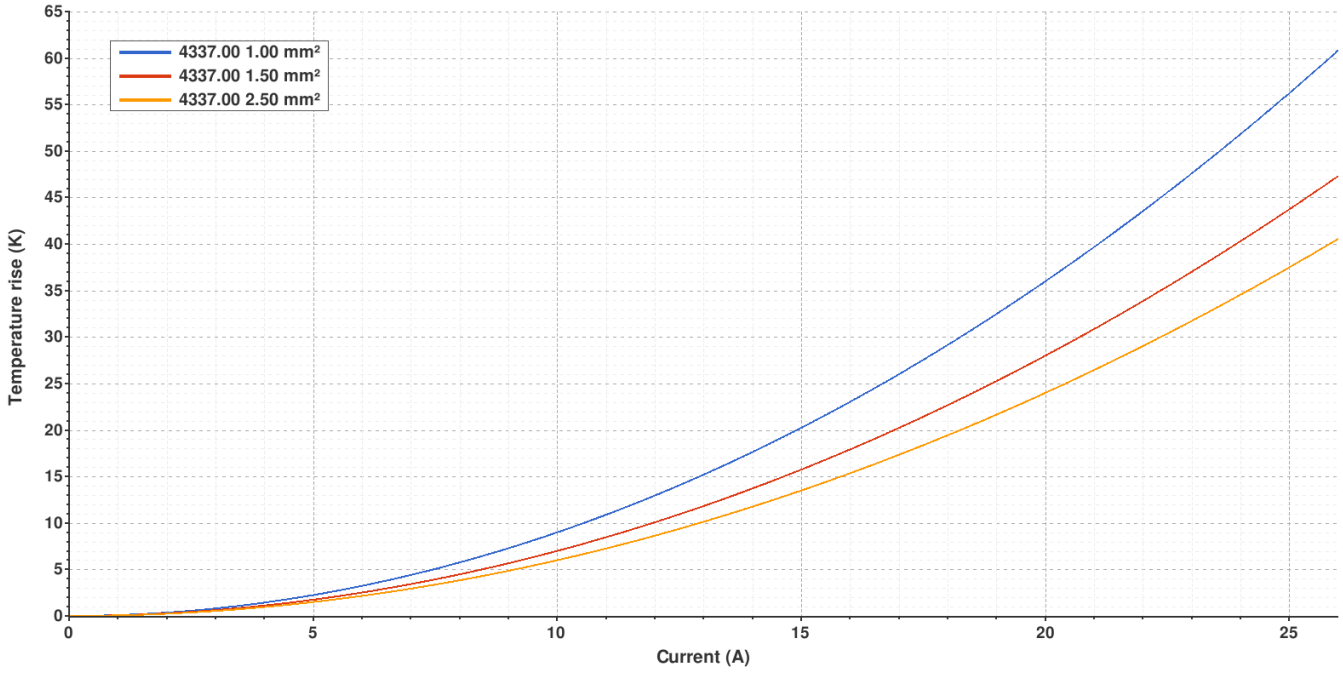
# 4337.00 NATURAL BRASS

## 6.3 (.250) TYPE SERIES · RECEPTACLES FOR CONNECTOR

**Derating curve** Current carrying capacity vs. Ambient temperature




**Temperature rise curve** Terminal temperature rise due to the current carried

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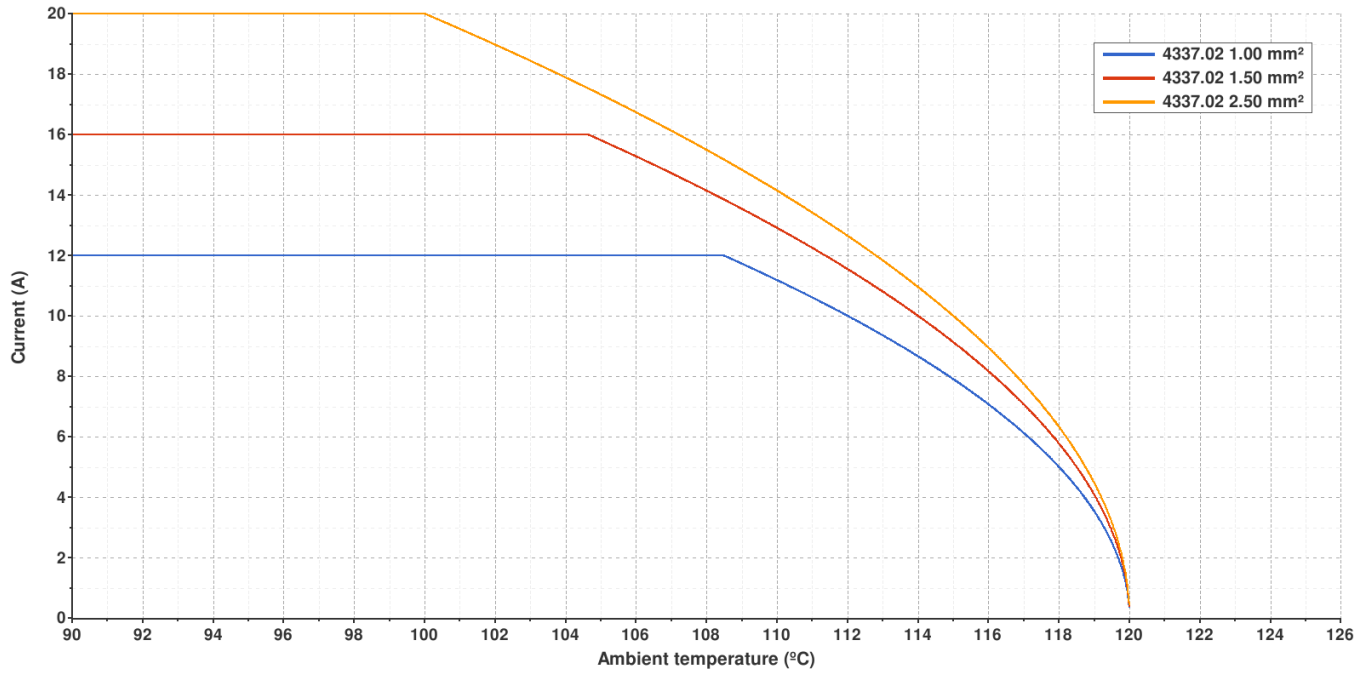
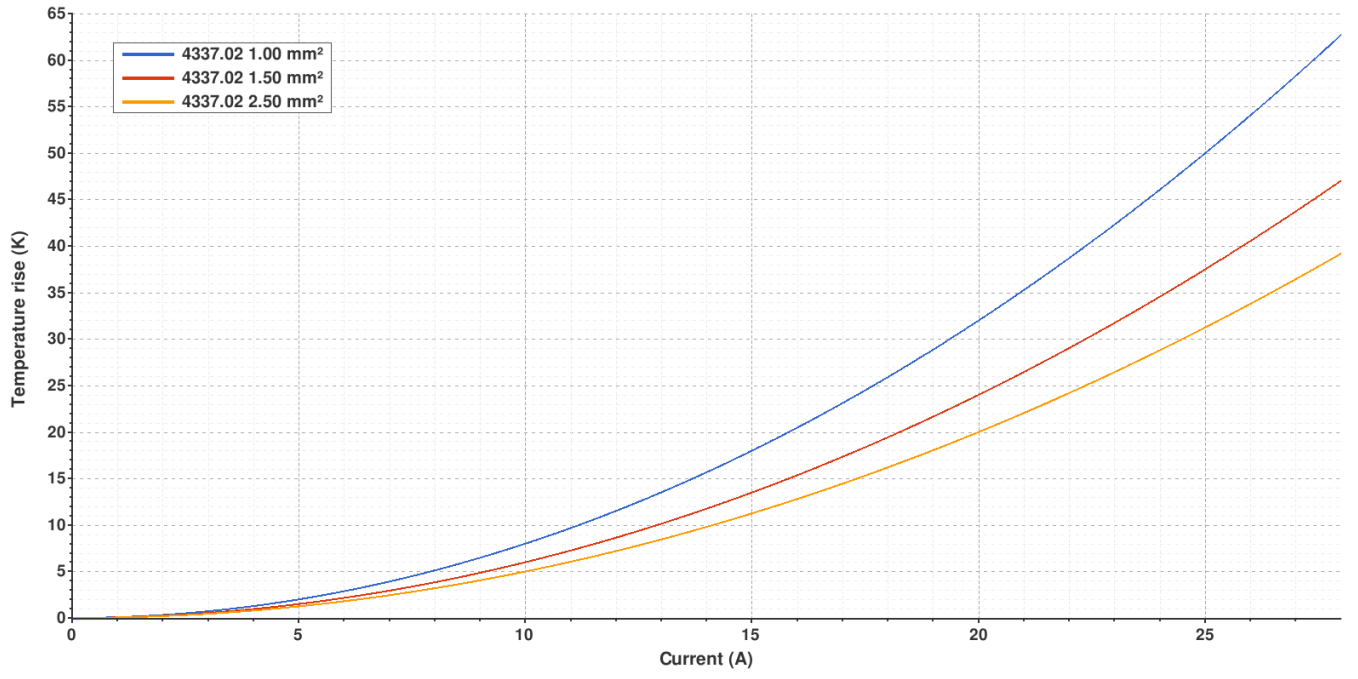
# 4337.02 TIN PLATED BRASS

## 6.3 (.250) TYPE SERIES · RECEPTACLES FOR CONNECTOR

**Derating curve** Current carrying capacity vs. Ambient temperature




**Temperature rise curve** Terminal temperature rise due to the current carried

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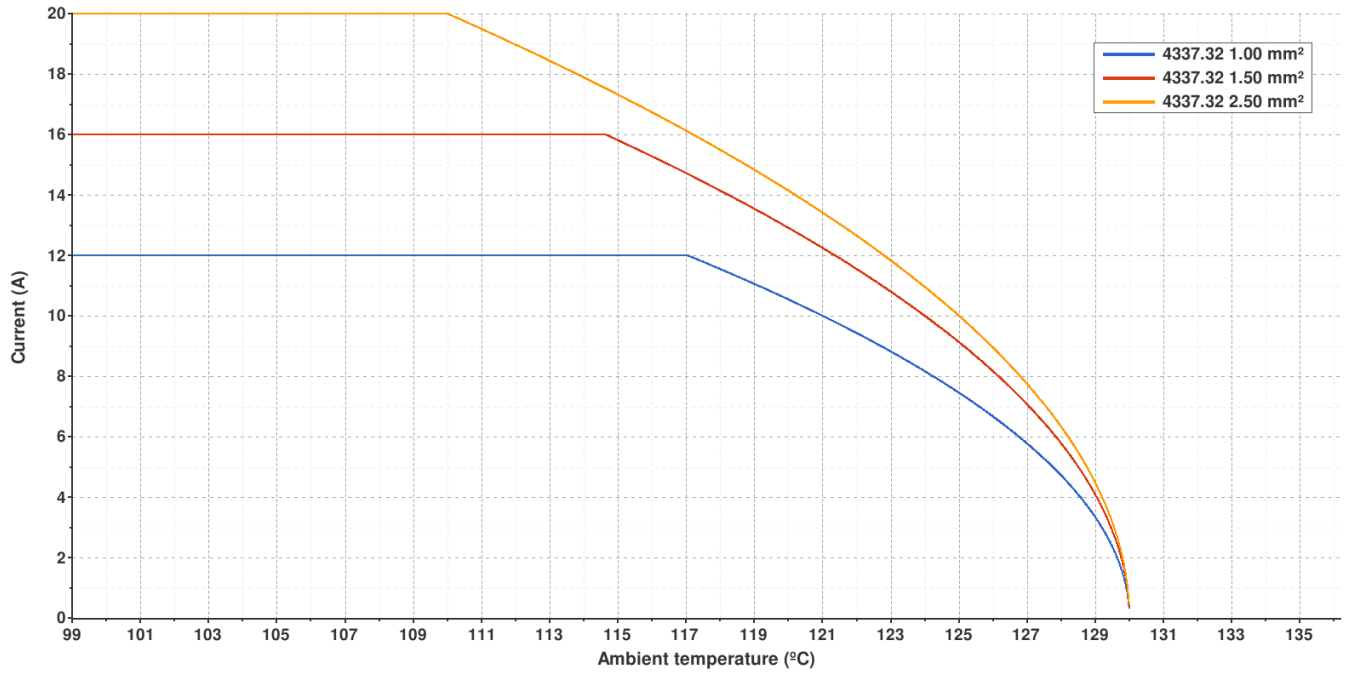
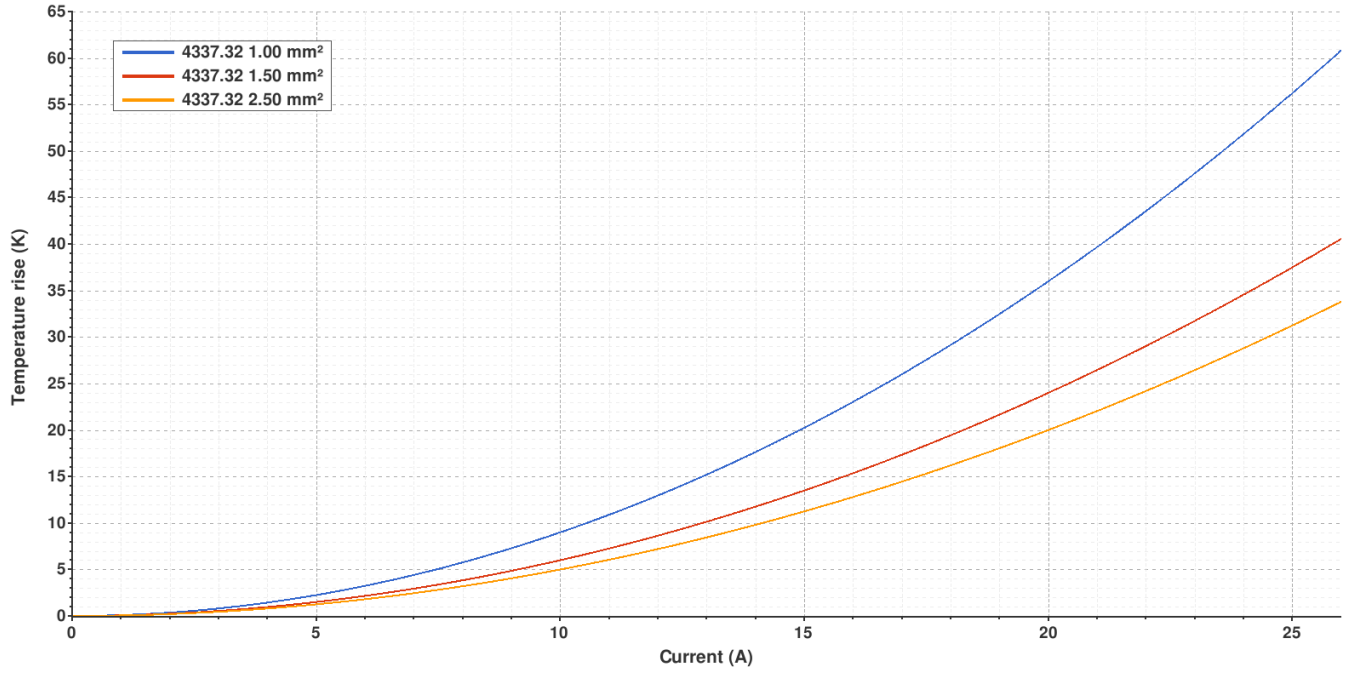
# 4337.32 TIN PLATED BRONZE

## 6.3 (.250) TYPE SERIES · RECEPTACLES FOR CONNECTOR

**Derating curve** Current carrying capacity vs. Ambient temperature




**Temperature rise curve** Terminal temperature rise due to the current carried

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| Rev. Nr. | Concept | Date | Created/Revised | Approved |
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