

## 4333.\*\*

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



**Specification** Standard Terminals

**Typology** Without dimple

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

**Din** 46340

**Wire size mm<sup>2</sup> (AWG)** 0,5-1 (20-18)

**Ø Insulation (mm)** 1,8-3,3

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)	Contact Resist (mΩ)
4333.00	Brass	Natural	110	1.00
4333.02	Brass	Tin plated	120	0.50
4333.30	Bronze	Natural	120	(T.B.D.)
4333.32	Bronze	Tin plated	130	(T.B.D.)

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

**Max. rated current**

Wire section	4333.00 / 02 / 30 / 32
0.50 mm <sup>2</sup>	8A
0.75 mm <sup>2</sup>	10A
1.00 mm <sup>2</sup>	12A

**Insertion / Withdrawal forces**


	4333.00 / 30	4333.02 / 32
1st Insertion (max)	30N <sup>1</sup>	40N <sup>1</sup>
1st Withdrawal (max)	35N <sup>1</sup>	40N <sup>1</sup>
6th Withdrawal (min)	7N <sup>1</sup>	7N <sup>1</sup>

<sup>1</sup> Valid for Natural Brass Tab

**Application tool** MN4323

**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)	
0.50 mm <sup>2</sup>	1.34 (±0.03)	2.37 (±0.03)	3.50 (±0.10)	56N @ 60s
0.75 mm <sup>2</sup>	1.44 (±0.05)	2.38 (±0.05)	3.50 (±0.10)	84N @ 60s
1.00 mm <sup>2</sup>	1.54 (±0.05)	2.39 (±0.05)	3.52 (±0.10)	108N @ 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** 8000

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

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#### Approved regulations

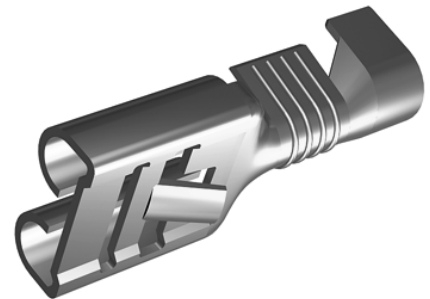
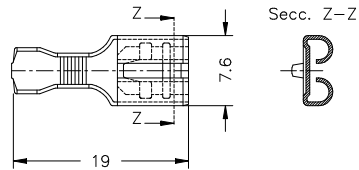
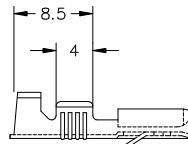
Part nr.	Approval	Standard	File	Certified framework
4333.00 <sup>1</sup>	UL	UL 310	E211727	AWG 20-18 (10-16 Stranded Cu) / MN4333
4333.02 <sup>1</sup>	UL	UL 310	E211727	AWG 20-18 (10-16 Stranded Cu) / MN4333
4333.30 <sup>1</sup>	UL	UL 310	E211727	AWG 20-18 (10-16 Stranded Cu) / MN4333
4333.32 <sup>1</sup>	UL	UL 310	E211727	AWG 20-18 (10-16 Stranded Cu) / MN4333

<sup>1</sup> (Engineering Considerations) Cat. No. does not meet minimum withdrawal forces required by UL 310. Their suitability is to be determined the end product

#### Approvals



#### Drawing

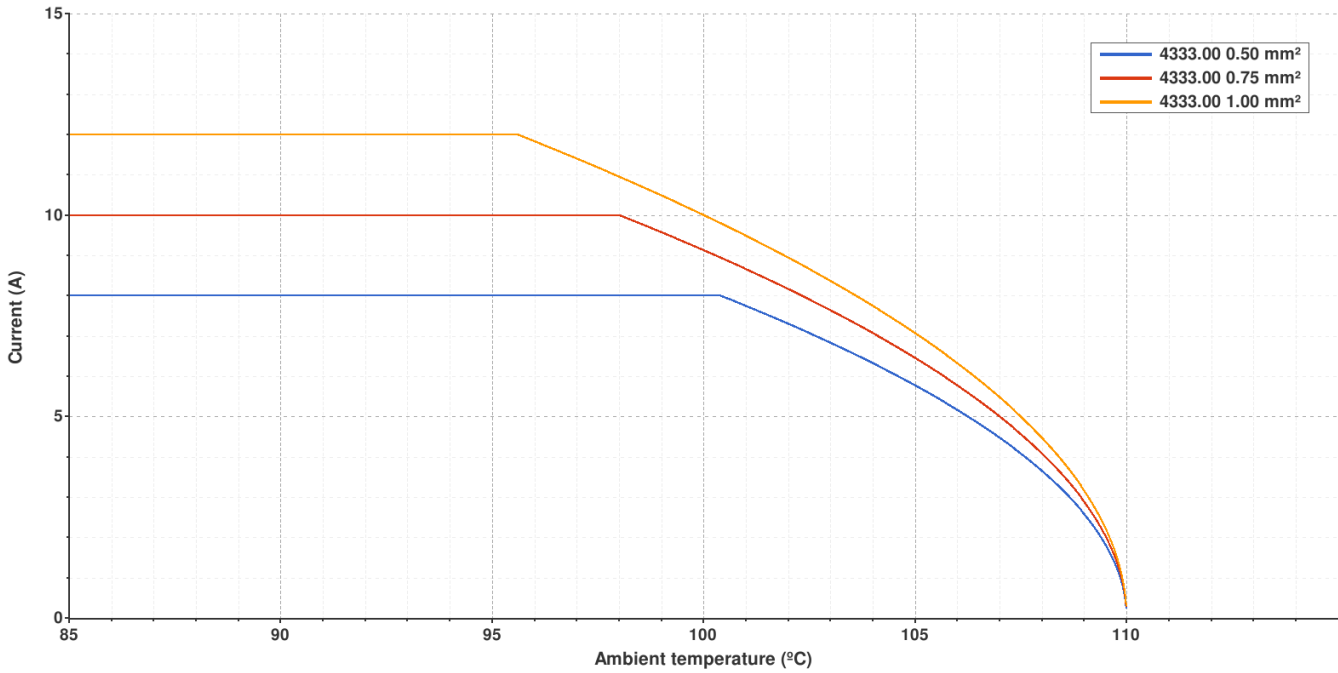


**4333.00 NATURAL BRASS**

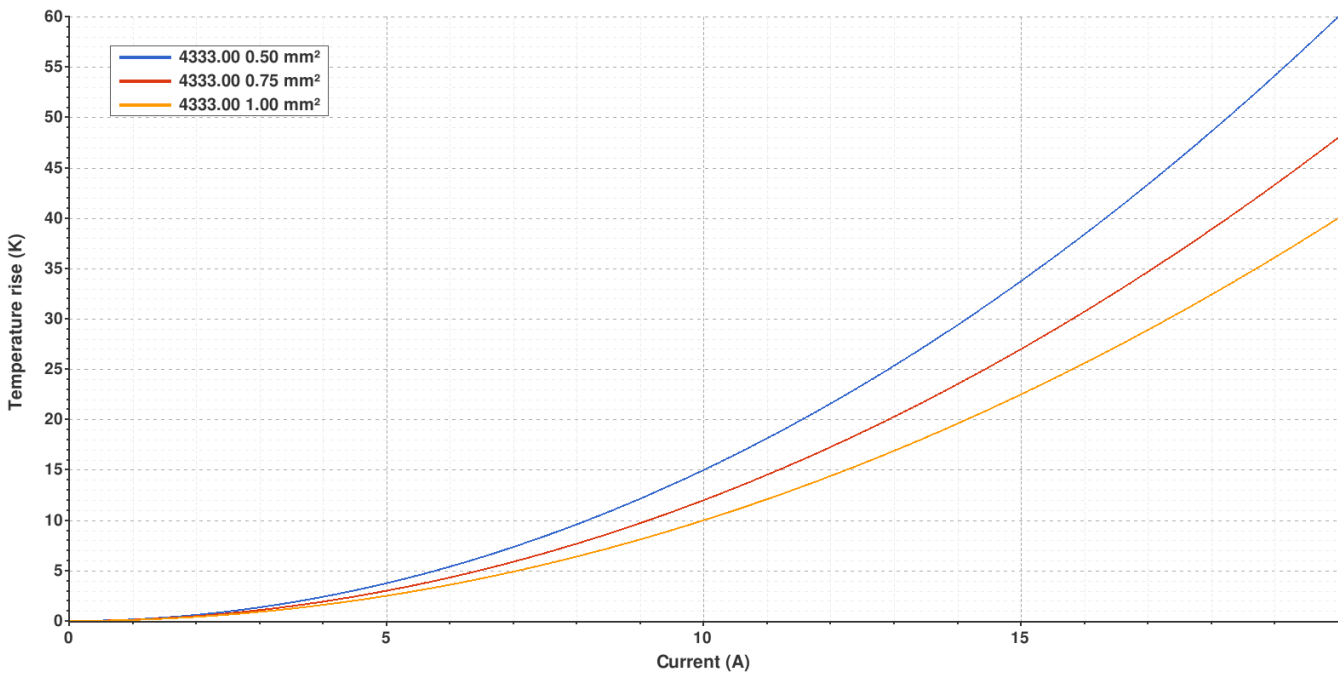
**6.3 (.250) TYPE SERIES · RECEPTACLES FOR CONNECTOR**



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



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



Valid for Natural Brass Tab

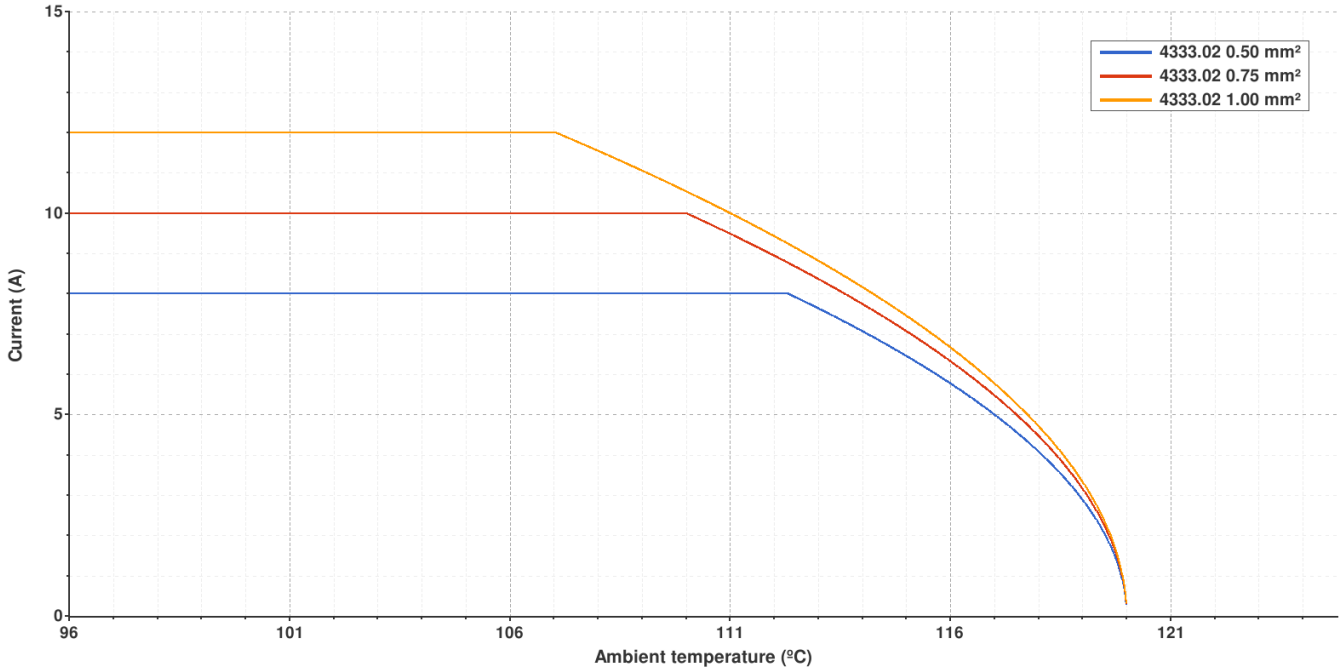
**4333.02 TIN PLATED BRASS**

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



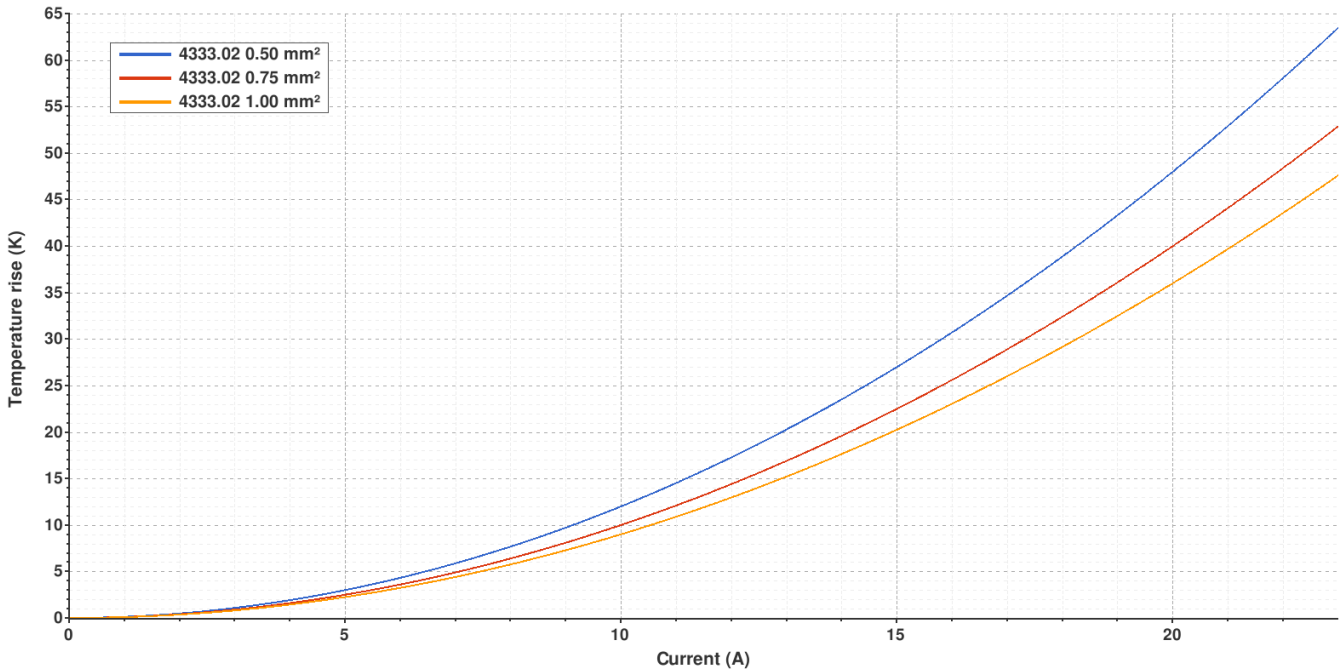
**Derating curve**

Current carrying capacity vs. Ambient temperature



**Temperature rise curve**

Terminal temperature rise due to the current carried



Valid for Natural Brass Tab

**4333.\*\***

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



(T.B.D.): To be determined

**Disclaimer**

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Rev. Nr.	Concept	Date	Created/Revised	Approved
A4	Update insertion / withdrawal forces	2023-09-19	E. Roura (Laboratory dept.)	E Turon (Engineering dept.)
A3	Change company name and logo	2021-10-21	D. Martinez	E. Roura
A2	Update connectors compatibility	2019-02-19	D. Martinez	E. Roura
A1	Datasheet generated automatically [A1]	2018-11-21	Laboratory Dept.	E. Roura

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