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 mm² (AWG) 0,5-1 (20-18)

Ø Insulation (mm) 1,8-3,3

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (ºC)	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 mm²	8A
0.75 mm²	10A
1.00 mm²	12A

Insertion / Withdrawal forces

	4333.00 / 30	4333.02 / 32
1st Insertion (max)	30N[1]	40N[1]
1st Withdrawal (max)	35N[1]	40N[1]
10th Withdrawal (min)	7N[1]	7N[1]

[1] 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 mm²	1.34 (±0.03)	2.37 (±0.03)	3.50 (±0.10)	56N @ 60s
0.75 mm²	1.44 (±0.05)	2.38 (±0.05)	3.50 (±0.10)	84N @ 60s
1.00 mm²	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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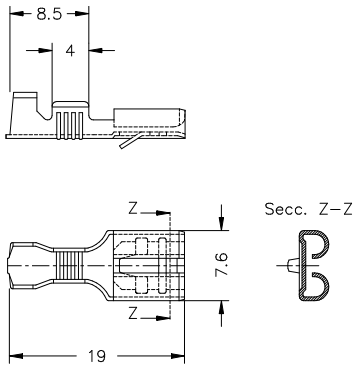
Approved regulations

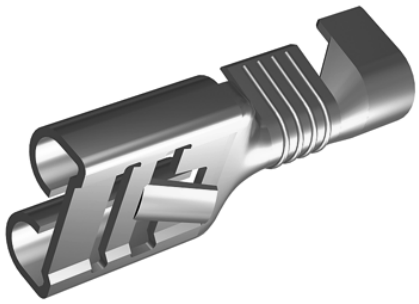
Part nr.	Approval	Standard	File	Certified framework
4333.00[1]	UL	UL 310	E211727	AWG 20-18 (10-16 Stranded Cu) / MN4333
4333.02[1]	UL	UL 310	E211727	AWG 20-18 (10-16 Stranded Cu) / MN4333
4333.30[1]	UL	UL 310	E211727	AWG 20-18 (10-16 Stranded Cu) / MN4333
4333.32[1]	UL	UL 310	E211727	AWG 20-18 (10-16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

[1] (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

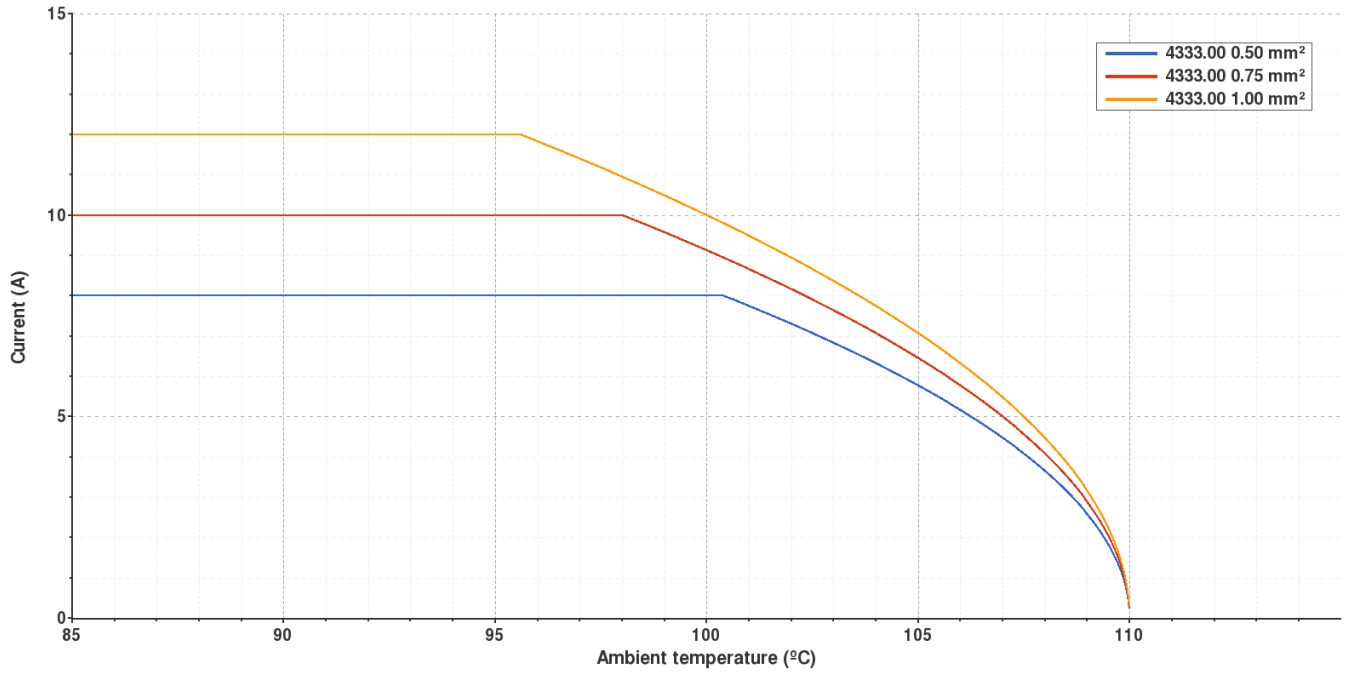




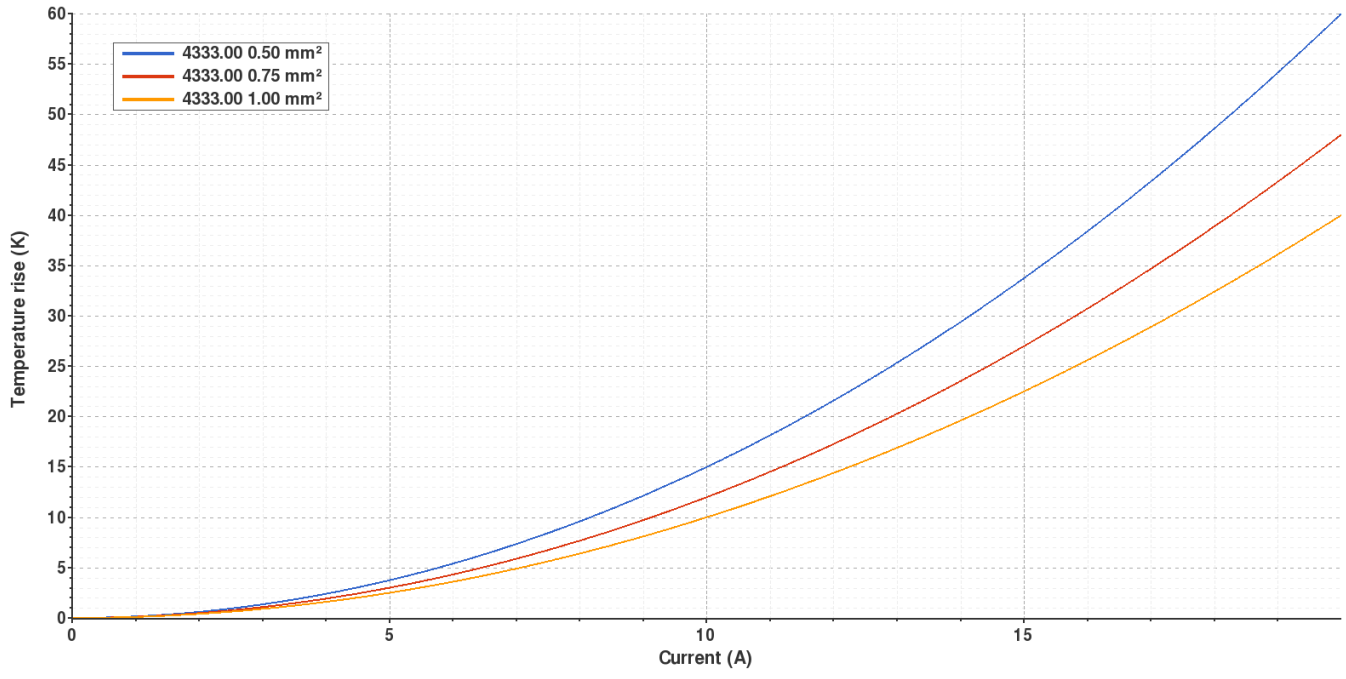
4333.00 NATURAL BRASS

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

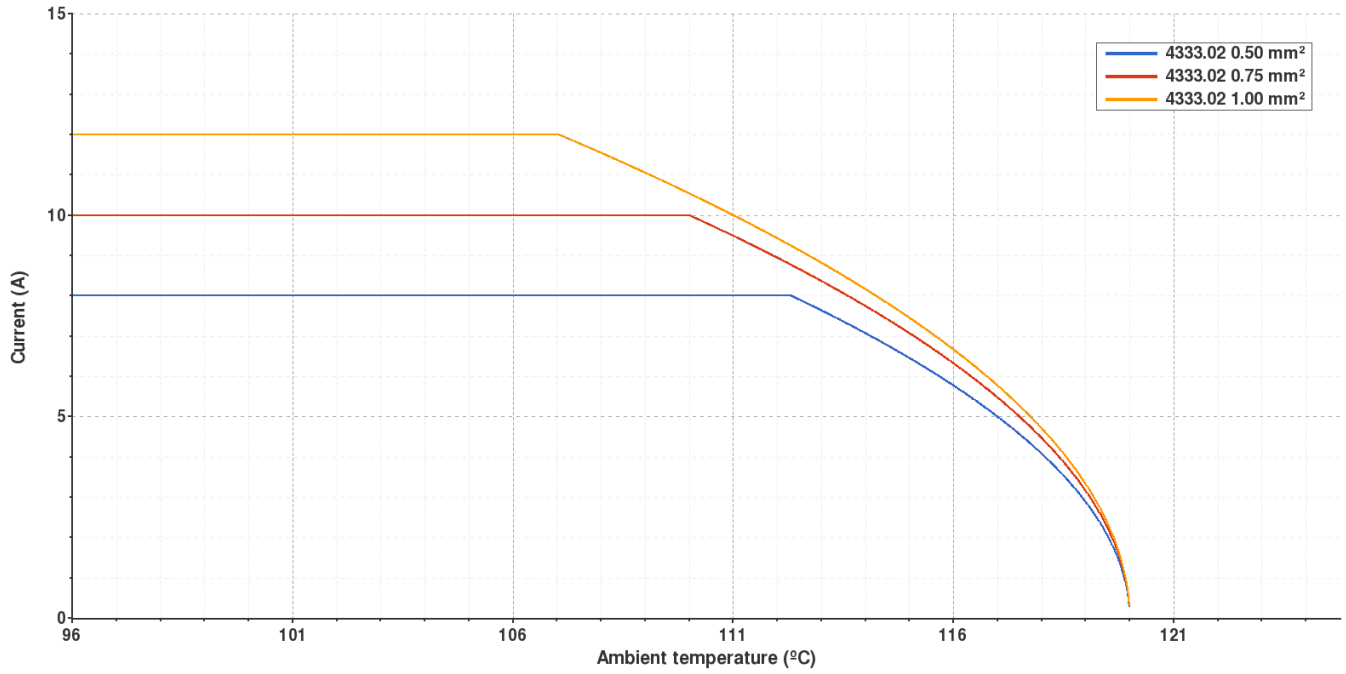


Valid for Natural Brass Tab

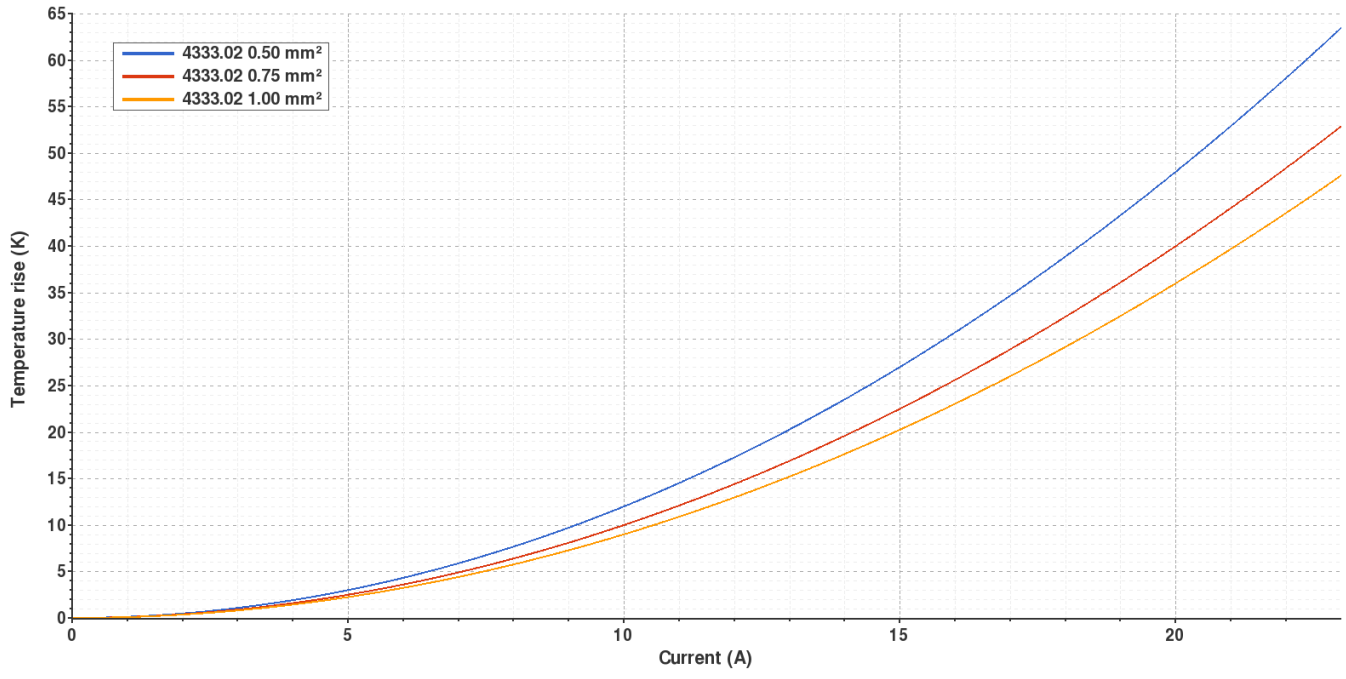
4333.02 TIN PLATED BRASS

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
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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