4601.**

2.8 (.110) TYPE SERIES · RECEPTACLES

For male (mm) 2,8x0,5

Wire size mm² (AWG) 0,2-0,6 (24-20)

Ø Insulation (mm) 1,5-2 FLR

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (ºC)	Contact Resist (mΩ)
4601.00	Brass	Natural	110	2.00
4601.01	Brass	Pre-tin-plated	120	1.75

Material thickness (mm) 0,25

Max. rated current

Wire section	4601.00 / 01
0.20 mm²	2A
0.25 mm²	2A
0.35 mm²	3A
0.50 mm²	5A
0.60 mm²	5.5A

Compatible connectors 22814**

Insertion / Withdrawal forces

	4601.00 / 01
1st Insertion (max)	15N[1]
6th Withdrawal (min)	9N[1]

[1] Valid for Natural brass tab

Application tool MN4600

Wire strip length 4.0 (±0.3) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.20 mm²	0.90 (±0.03)	1.55 (±0.03)	2.30 (±0.10)	28N @ 60s
0.30 mm²	0.95 (±0.03)	1.55 (±0.03)	2.30 (±0.10)	28N @ 60s
0.50 mm²	1.05 (±0.03)	1.56 (±0.03)	2.31 (±0.10)	56N @ 60s
0.60 mm²	1.10 (±0.05)	1.56 (±0.05)	2.30 (±0.10)	56N @ 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 15000

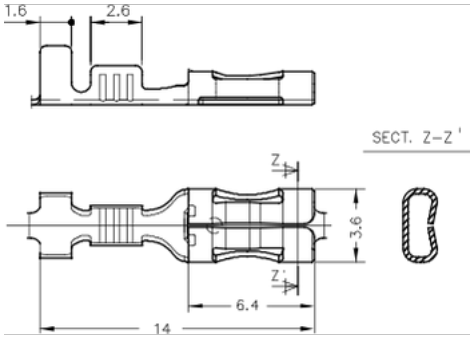
Approvals

RoHS

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Drawing

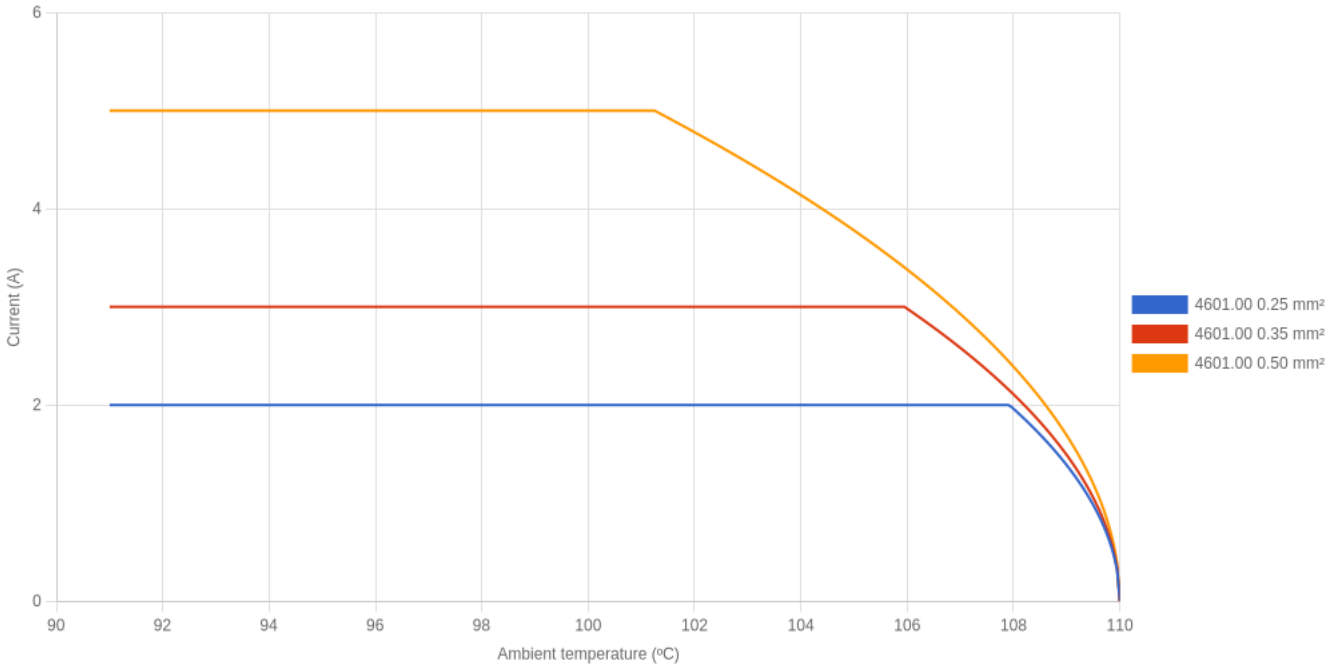




4601.00 NATURAL BRASS
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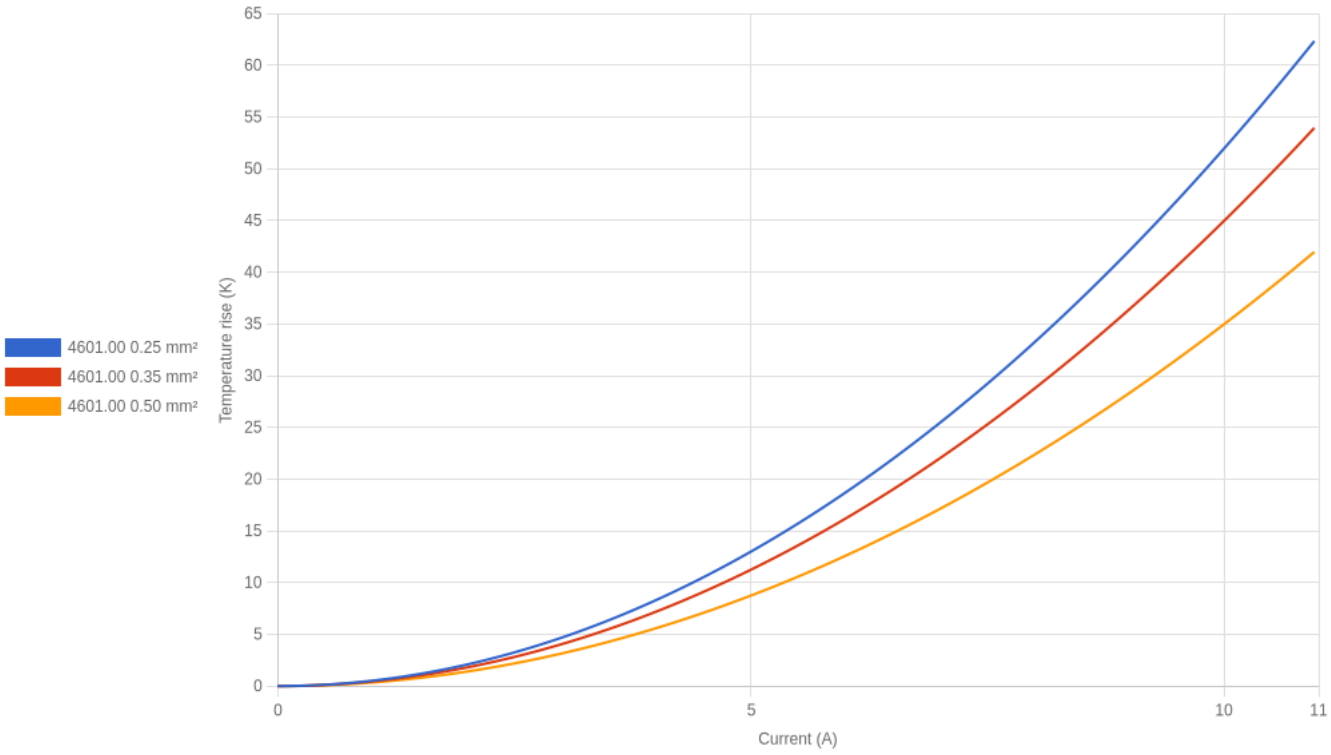
Derating curve

Current carrying capacity vs. Ambient temperature



Temperature rise curve

Terminal temperature rise due to the current carried

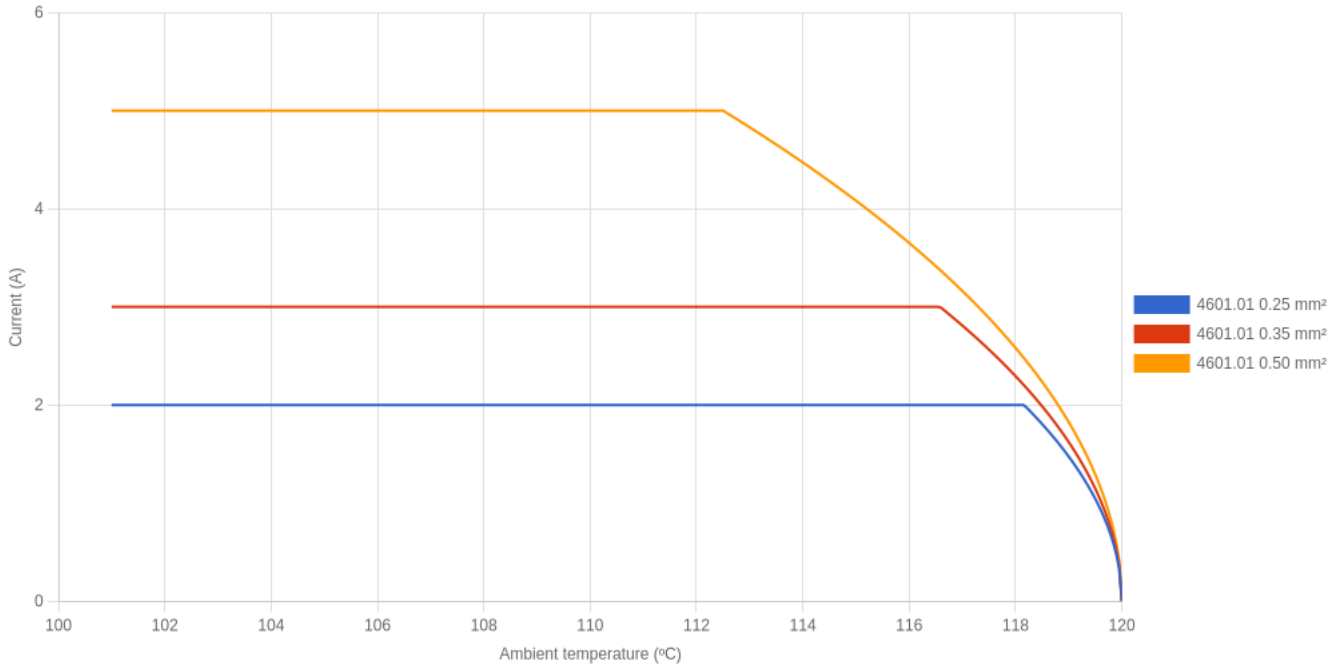


Valid for Natural brass tab

4601.01 PRE-TIN-PLATED BRASS
2.8 (.110) TYPE SERIES · RECEPTACLES

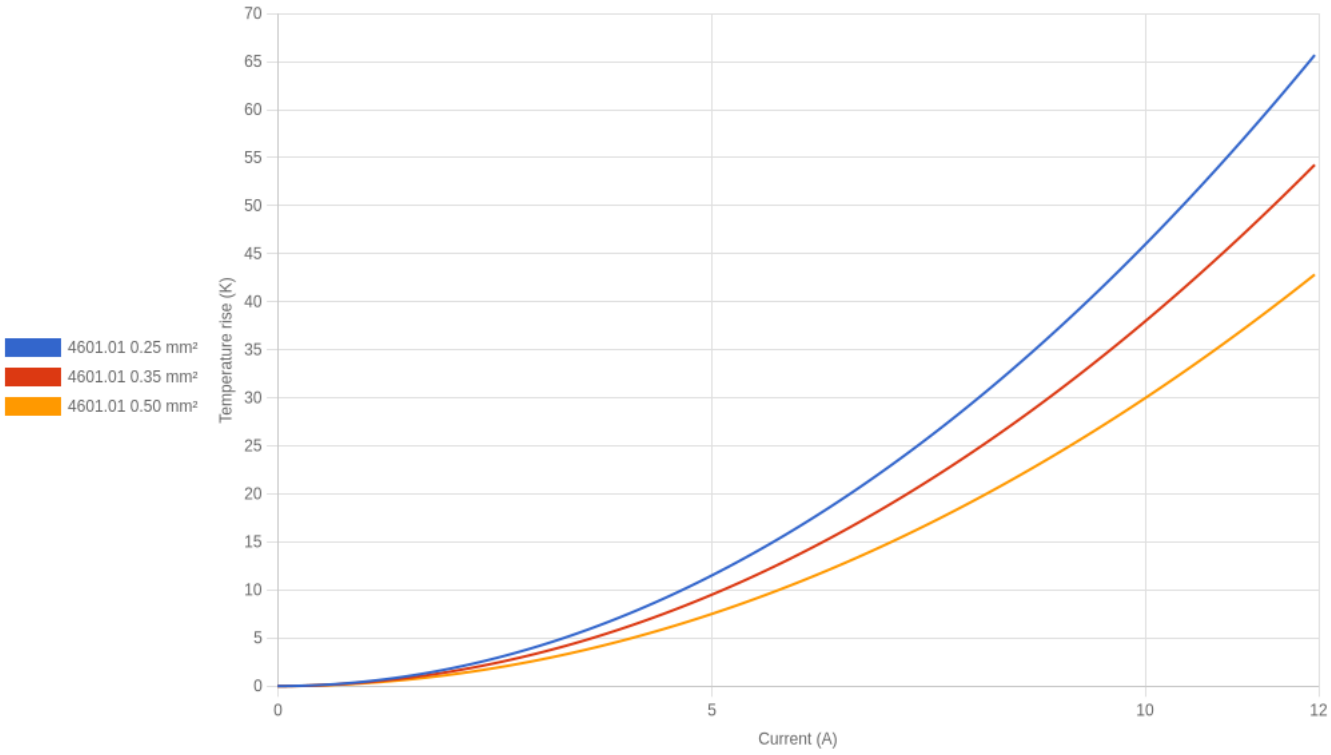
Derating curve

Current carrying capacity vs. Ambient temperature



Temperature rise curve

Terminal temperature rise due to the current carried



Valid for Natural brass tab

4601.**

2.8 (.110) TYPE SERIES · RECEPTACLES

Disclaimer

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A1	Datasheet generated automatically [A1]	2026-11-18	O.Roura (Engineering Dept.)	E.Roura (Laboratory Dept.)

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