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For male (mm) 6,3x0,8

Wire size mm² (AWG) 0,5-1 (20-18)

Ø Insulation (mm) 1,8-2,5

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (ºC)	Contact Resist (mΩ)
4836.00	Brass	Natural	110	1.25
4836.01	Brass	Pre-tin-plated	120	0.75
4836.02	Brass	Tin plated	120	0.75
4836.24	Steel	Nickel-plated	300	1.50

Material thickness (mm) 0,4

Max. rated current

Wire section	4836.00 / 01 / 24 / 02
0.50 mm²	8A
0.75 mm²	10A
1.00 mm²	12A

Compatible connectors 26314**, 26315**

Insertion / Withdrawal forces

	4836.00	4836.01 / 02	4836.24
1st Insertion (max)	20N[1]	20N[1]	25N[1]
1st Withdrawal (max)	60N[1]	60N[1]	60N[1]
1st Withdrawal (min)	27N[1]	22N[1]	22N[1]
6th Withdrawal (min)	22N[1]	18N[1]	18N[1]

[1] Valid for Natural Brass Tab

Application tool MN4836

Wire strip length 5.5 (±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	1.30 (±0.05)	2.35 (±0.05)	3.46 (±0.10)	56N @ 60s
0.75 mm²	1.40 (±0.05)	2.36 (±0.05)	3.47 (±0.10)	84N @ 60s
1.00 mm²	1.50 (±0.05)	2.37 (±0.05)	3.47 (±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

Approvals RoHS

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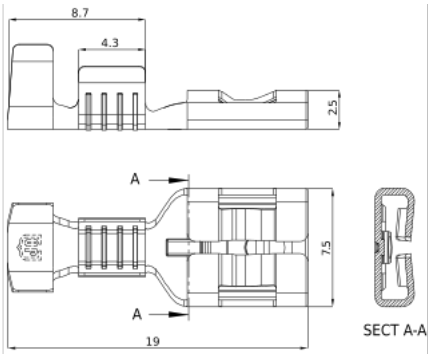
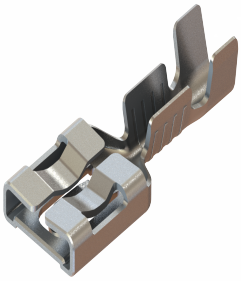
Drawing





4836.00 NATURAL BRASS
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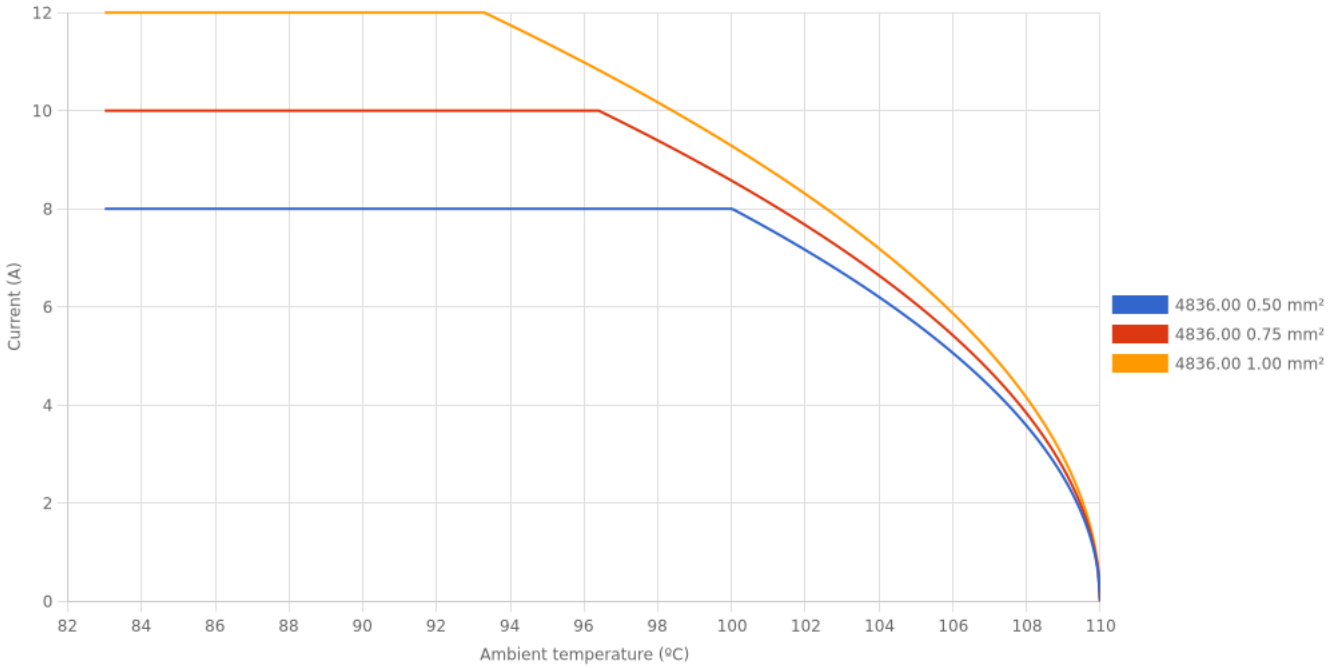
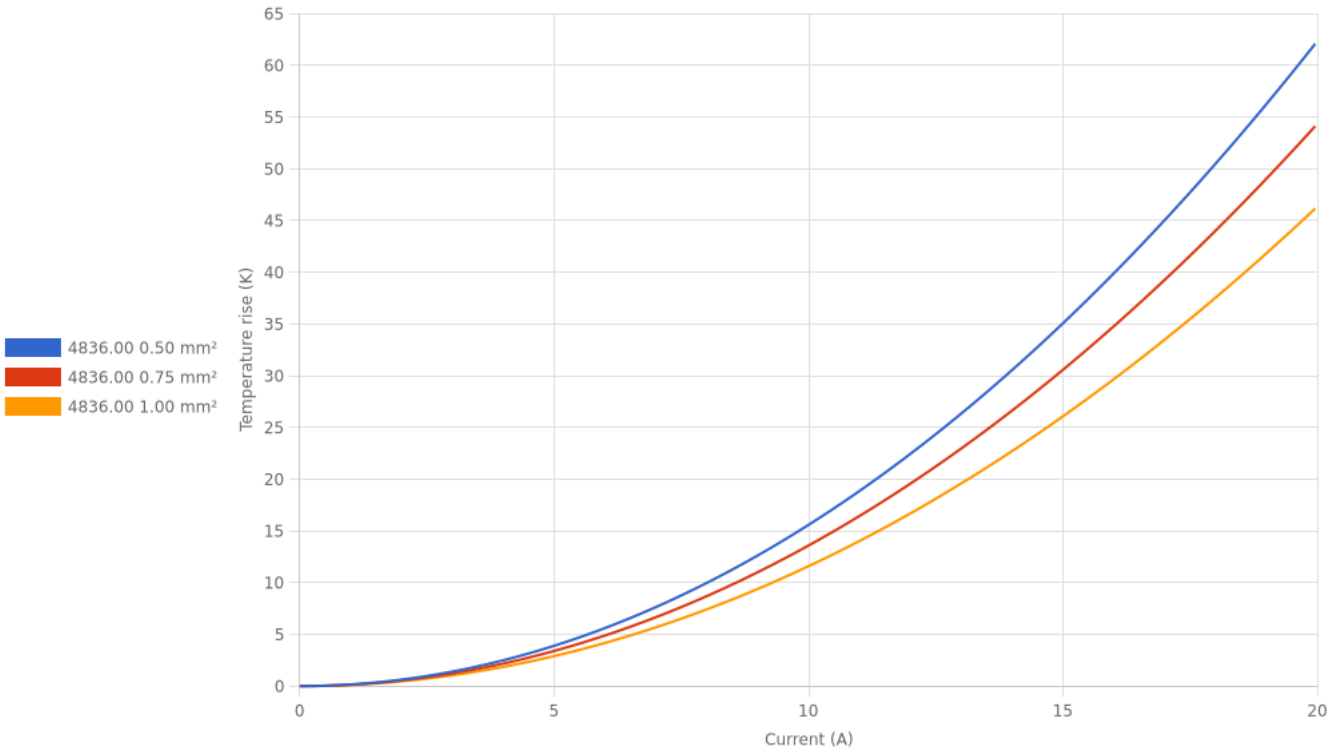
Derating curve

Current carrying capacity vs. Ambient temperature



Temperature rise curve

Terminal temperature rise due to the current carried

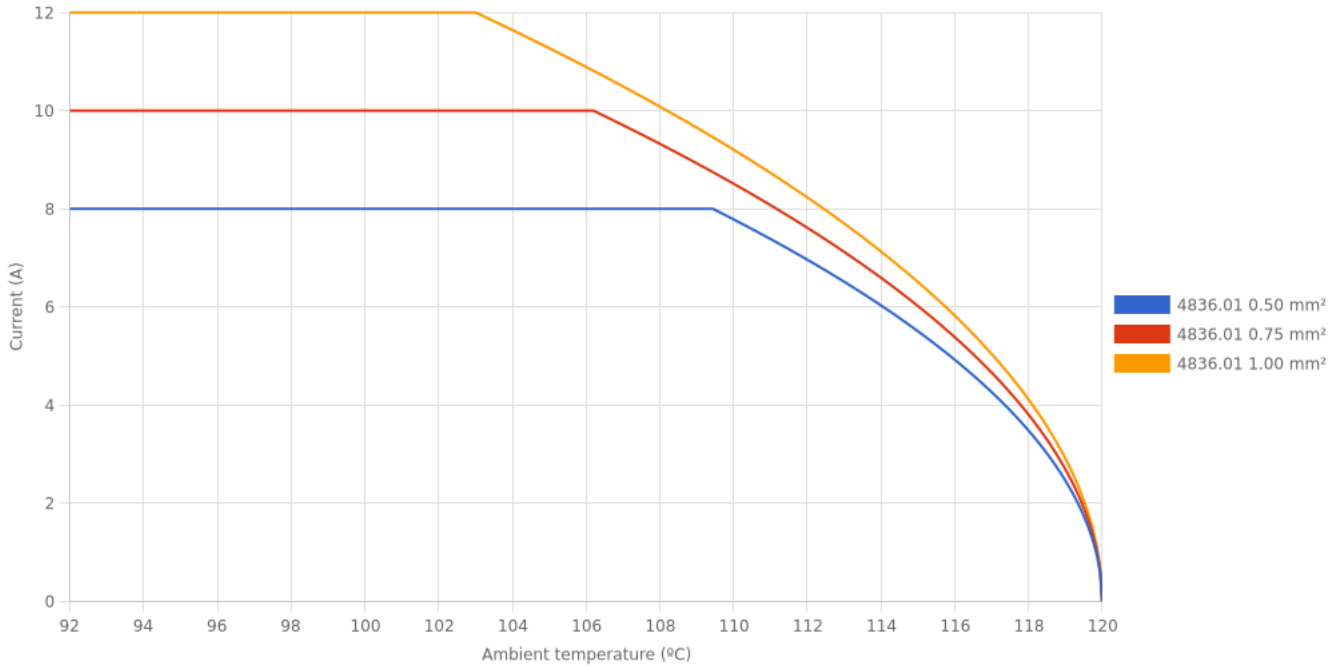


Valid for Natural Brass Tab

4836.01 PRE-TIN-PLATED BRASS
6.3 (.250) TYPE SERIES · RECEPTACLES

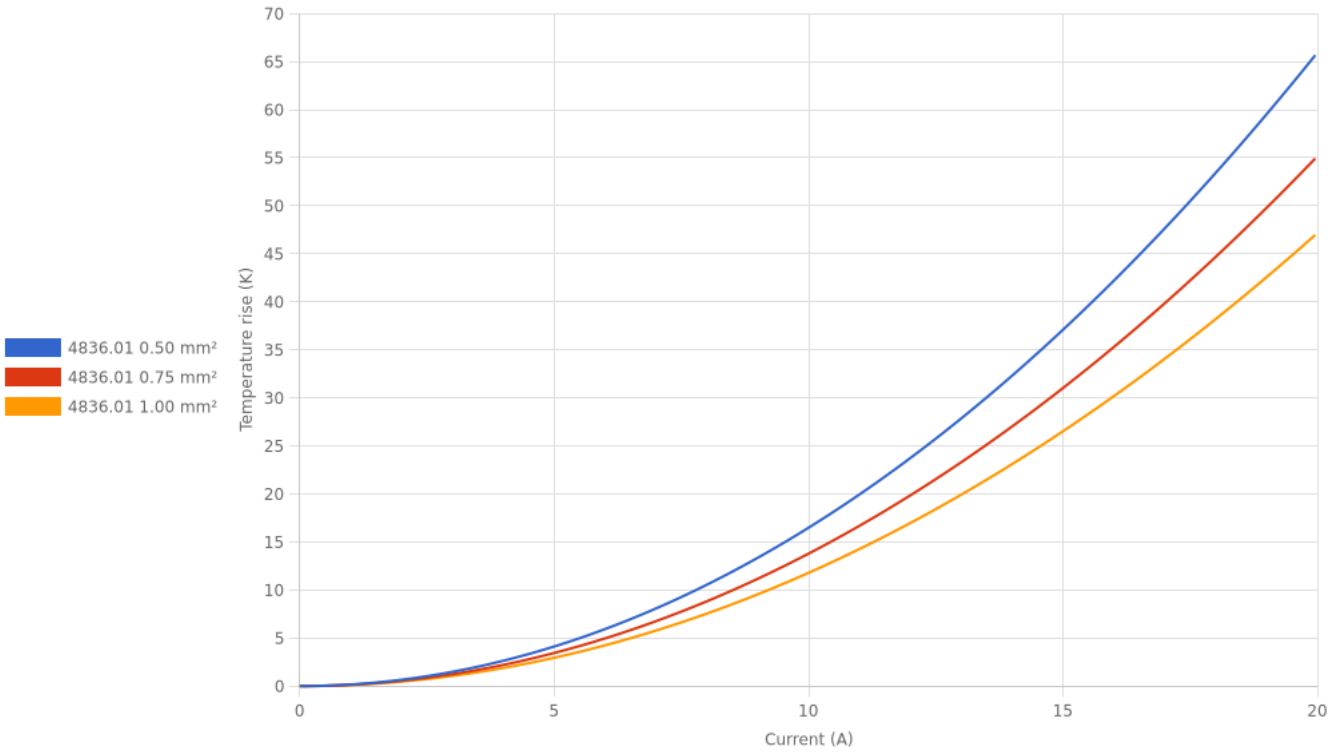
Derating curve

Current carrying capacity vs. Ambient temperature



Temperature rise curve

Terminal temperature rise due to the current carried



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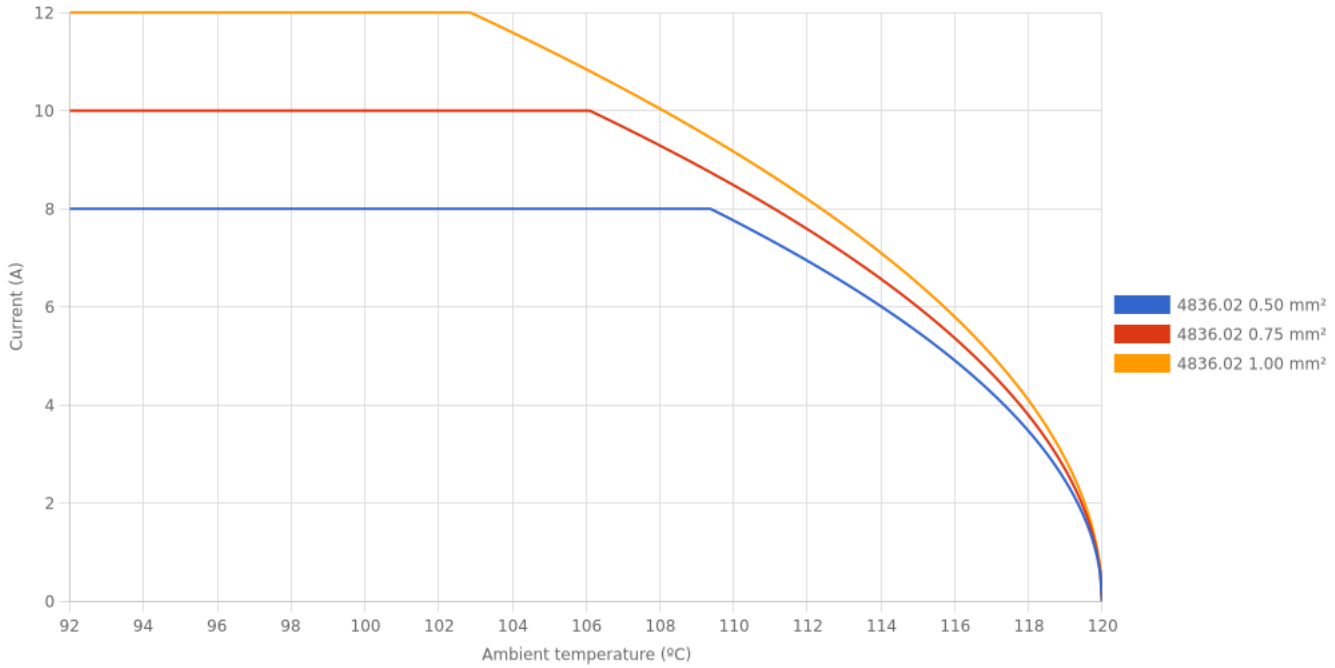
4836.02 TIN PLATED BRASS
6.3 (.250) TYPE SERIES · RECEPTACLES

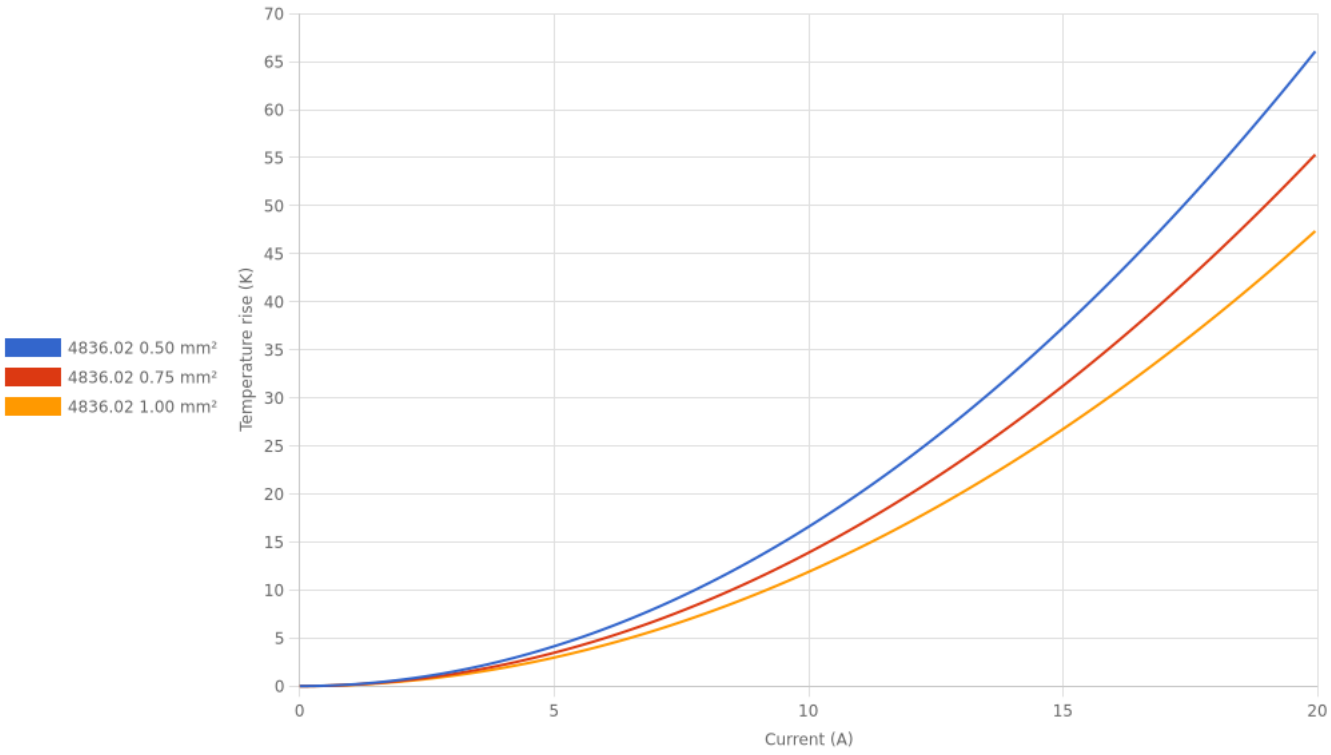
Derating curve

Current carrying capacity vs. Ambient temperature



Temperature rise curve

Terminal temperature rise due to the current carried



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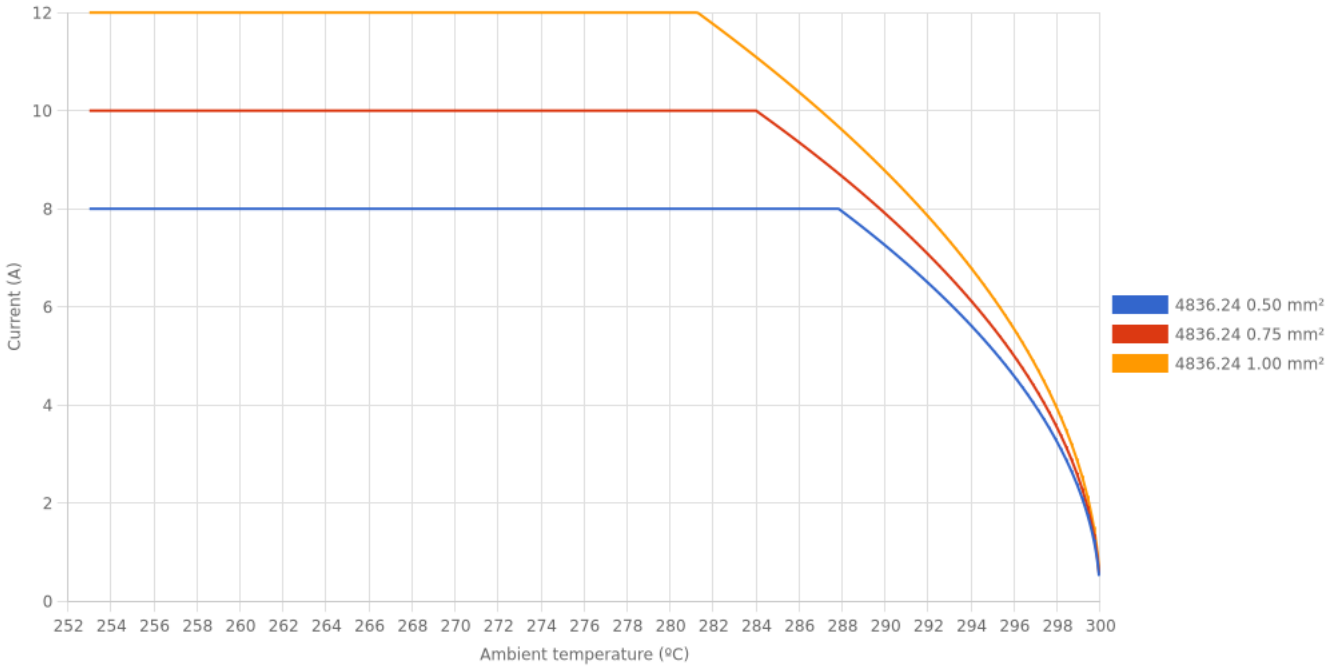
4836.24 NICKEL-PLATED STEEL
6.3 (.250) TYPE SERIES · RECEPTACLES

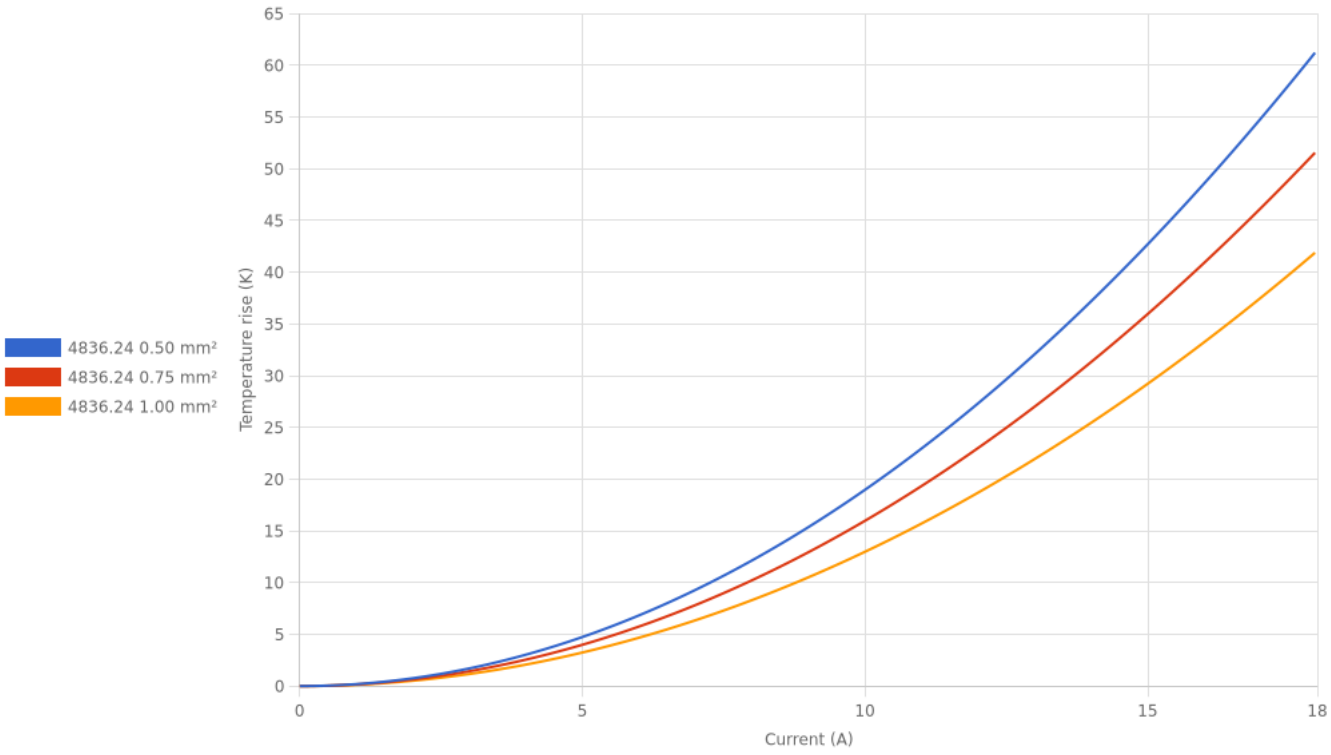
Derating curve

Current carrying capacity vs. Ambient temperature



Temperature rise curve

Terminal temperature rise due to the current carried



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