

4836F** 6.3 (.250) TYPE SERIES · RECEPTACLES



For male (mm) 6,3x0,8

Wire size mm² (AWG) 0,2-0,5 (24-20)

Ø Insulation (mm) 1,4-2,1

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)	Total Resist (mΩ)
4836F00	Brass	Natural	110	1.25
4836F01	Brass	Pre-tin-plated	120	(T.B.D.)
4836F02	Brass	Tin plated	120	(T.B.D.)
4836F24	Steel	Nickel-plated	300	(T.B.D.)

Material thickness (mm) 0,4

Max. rated current

Wire section	4836F00 / 01 / 24 / 02
0.25 mm ²	(T.B.D.)
0.50 mm ²	8A

Compatible connectors 26314**, 26315**

Insertion / Withdrawal forces


	4836F00	4836F01 / 02	4836F24
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 MN4836F

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)		
0.25 mm ²	1.20 (±0.05)	1.86 (±0.05)	3.04 (±0.10)	28N @ 60s
0.35 mm ²	1.25 (±0.05)	1.86 (±0.05)	3..05 (±0.10)	40N @ 60s
0.50 mm ²	1.32 (±0.05)	1.86 (±0.05)	3..05 (±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 8000

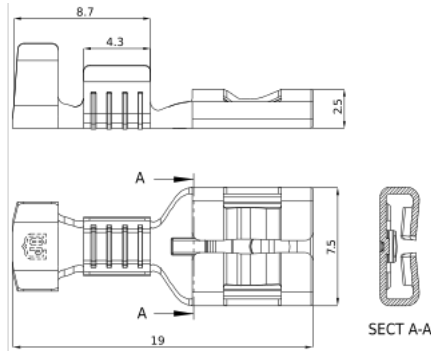
Approvals



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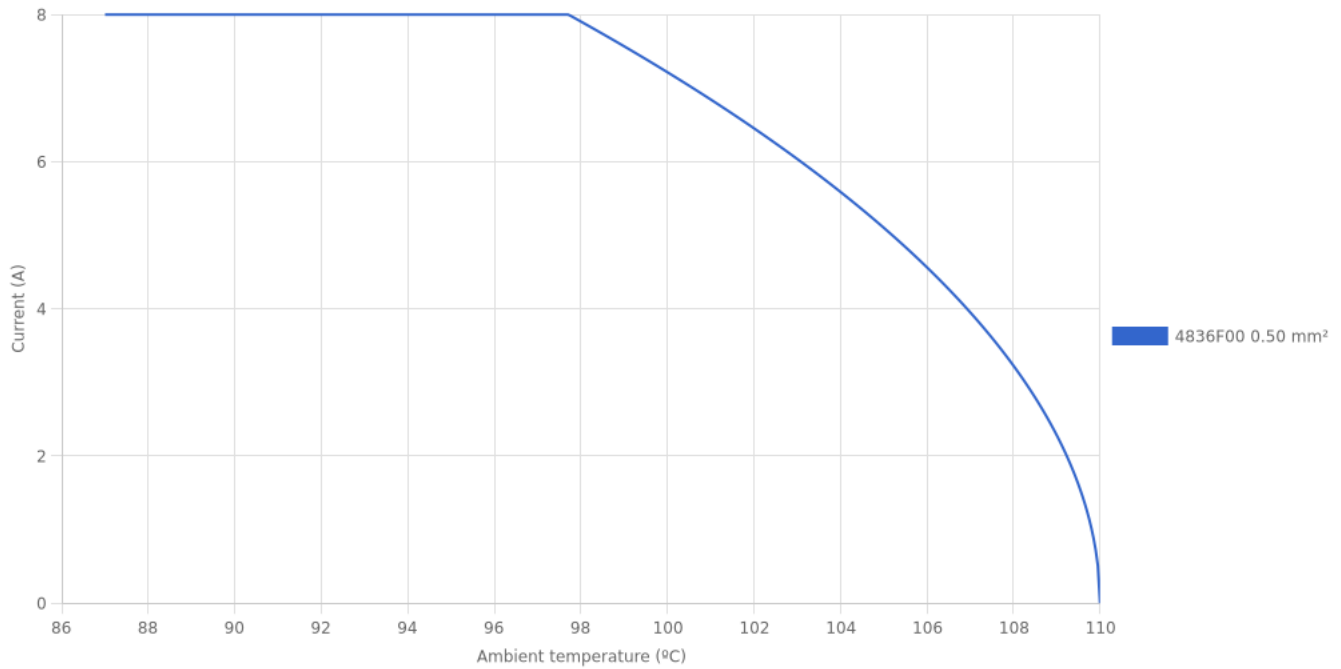
Drawing



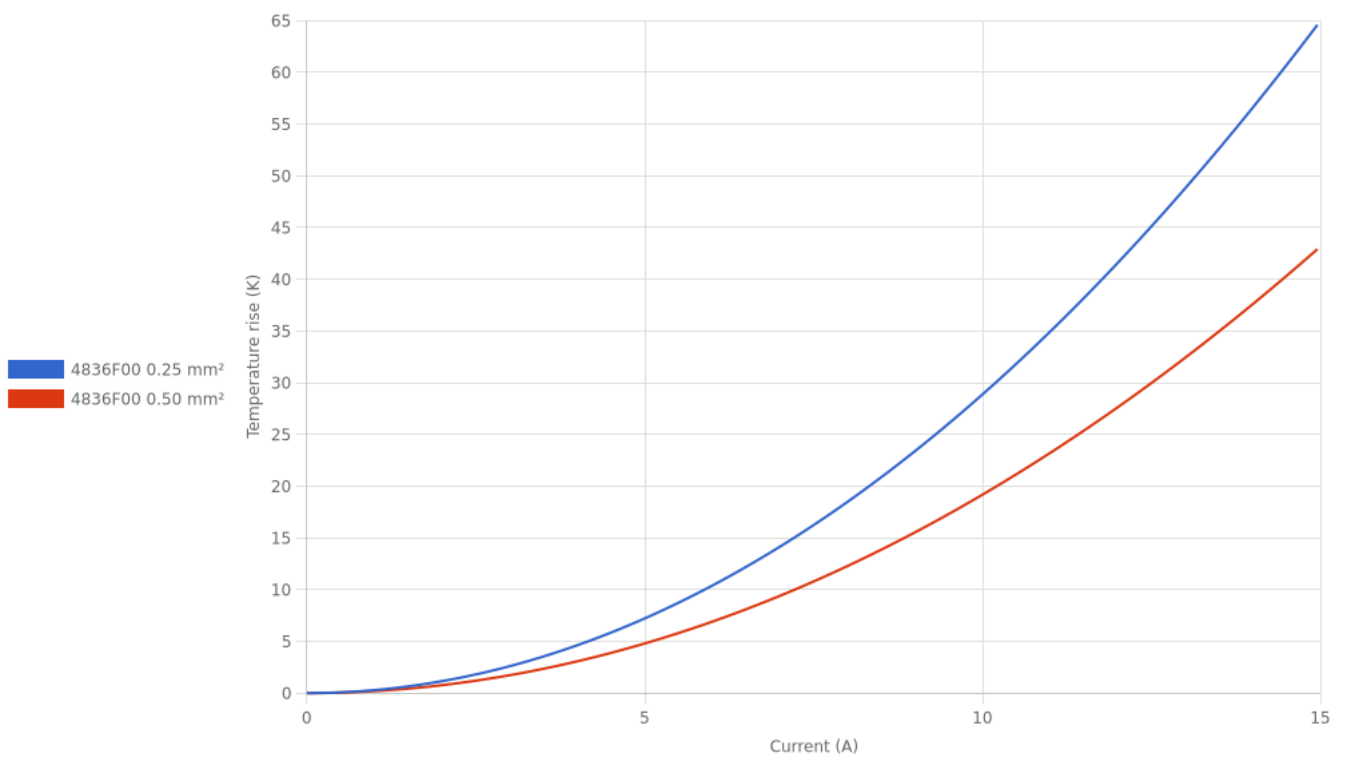
4836F00 NATURAL BRASS
6.3 (.250) TYPE SERIES · RECEPTACLES



Derating curve Current carrying capacity vs. Ambient temperature



Temperature rise curve Terminal temperature rise due to the current carried

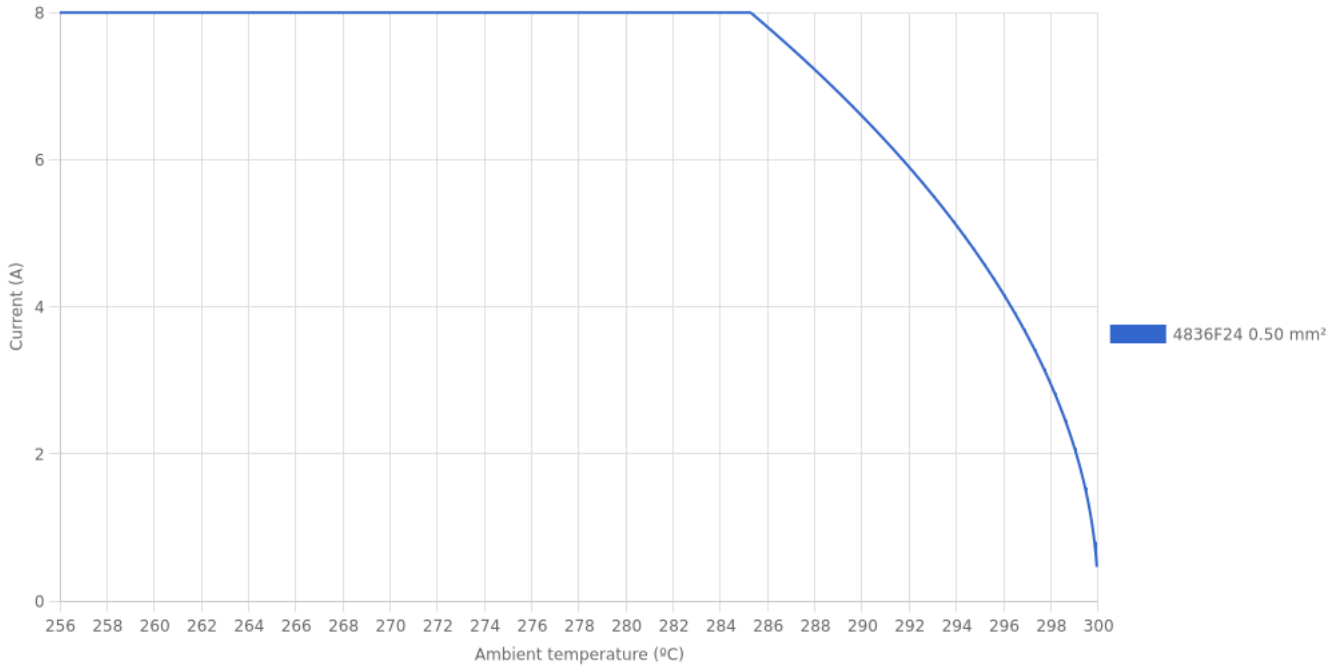


Valid for Natural Brass Tab

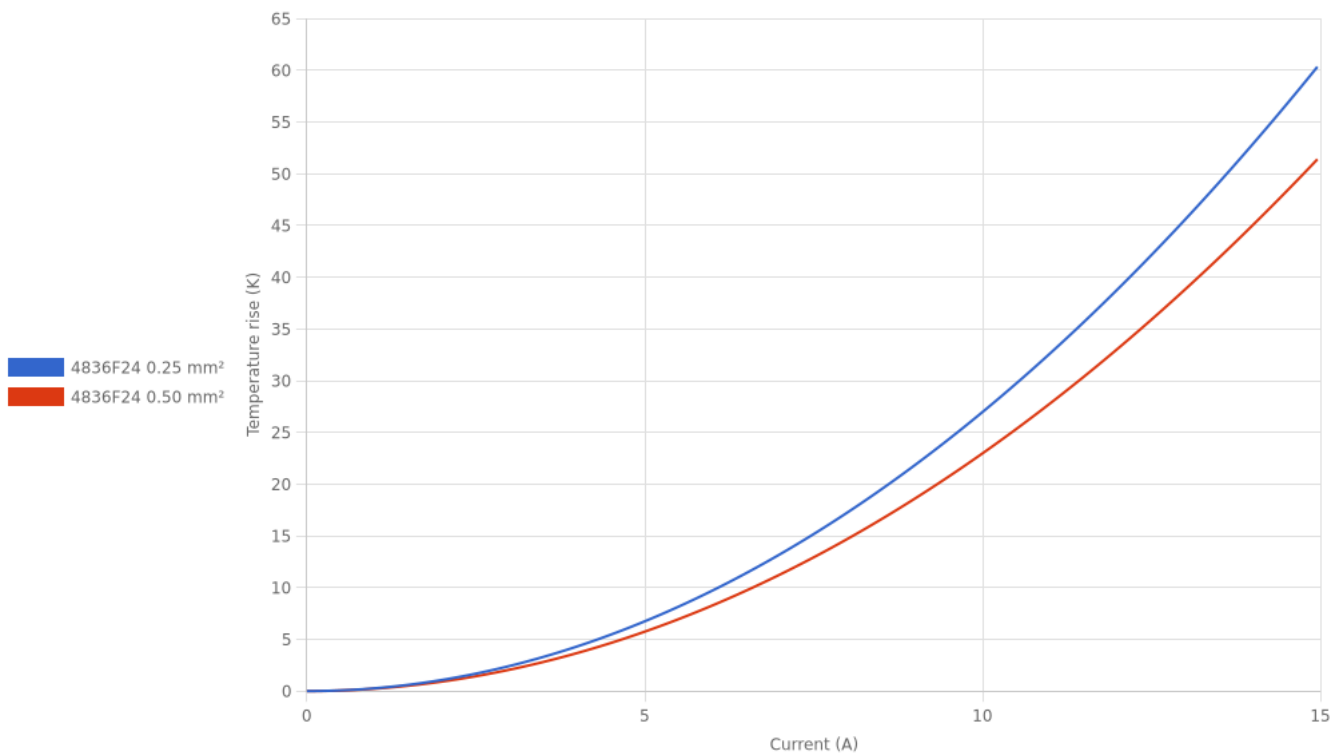
4836F24 NICKEL-PLATED STEEL
6.3 (.250) TYPE SERIES · RECEPTACLES



Derating curve Current carrying capacity vs. Ambient temperature



Temperature rise curve Terminal temperature rise due to the current carried



Valid for Natural Brass Tab

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