

## 4839.\*\* 6.3 (.250) TYPE SERIES · RECEPTACLES



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

**Wire size mm<sup>2</sup> (AWG)** 2,5-5 (14-10)

**Ø Insulation (mm)** 3,8-5,1

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)	Total Resist (mΩ)
4839.00	Brass	Natural	110	(T.B.D.)
4839.01	Brass	Pre-tin-plated	120	(T.B.D.)
4839.02	Brass	Tin plated	120	(T.B.D.)
4839.24	Steel	Nickel-plated	300	1.50

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

**Max. rated current**

Wire section	4839.00 / 01 / 24 / 02
2.50 mm <sup>2</sup>	20A
4.00 mm <sup>2</sup>	26A
5.00 mm <sup>2</sup>	26A

**Compatible connectors** 26314\*\*, 26315\*\*

**Insertion / Withdrawal forces**


	4839.00	4839.01 / 02	4839.24
1st Insertion (max)	20N <sup>1</sup>	20N <sup>1</sup>	25N <sup>1</sup>
1st Withdrawal (max)	60N <sup>1</sup>	60N <sup>1</sup>	60N <sup>1</sup>
1st Withdrawal (min)	27N <sup>1</sup>	22N <sup>1</sup>	22N <sup>1</sup>
6th Withdrawal (min)	22N <sup>1</sup>	18N <sup>1</sup>	18N <sup>1</sup>

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

**Application tool** MN4839

**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)		
2.50 mm <sup>2</sup>	1.95 (±0.05)	3.66 (±0.05)	5.50 (±0.10)	230N @ 60s
2.50 + 2.50 mm <sup>2</sup>	2.50 (±0.05)	3.72 (±0.05)	5.62 (±0.10)	(230N @ 60s) + (230N @ 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** 6000

**Approvals**

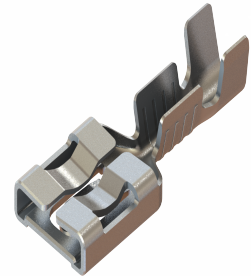
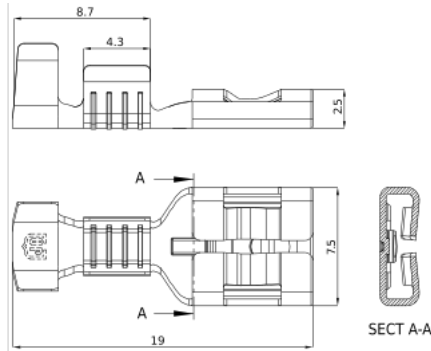


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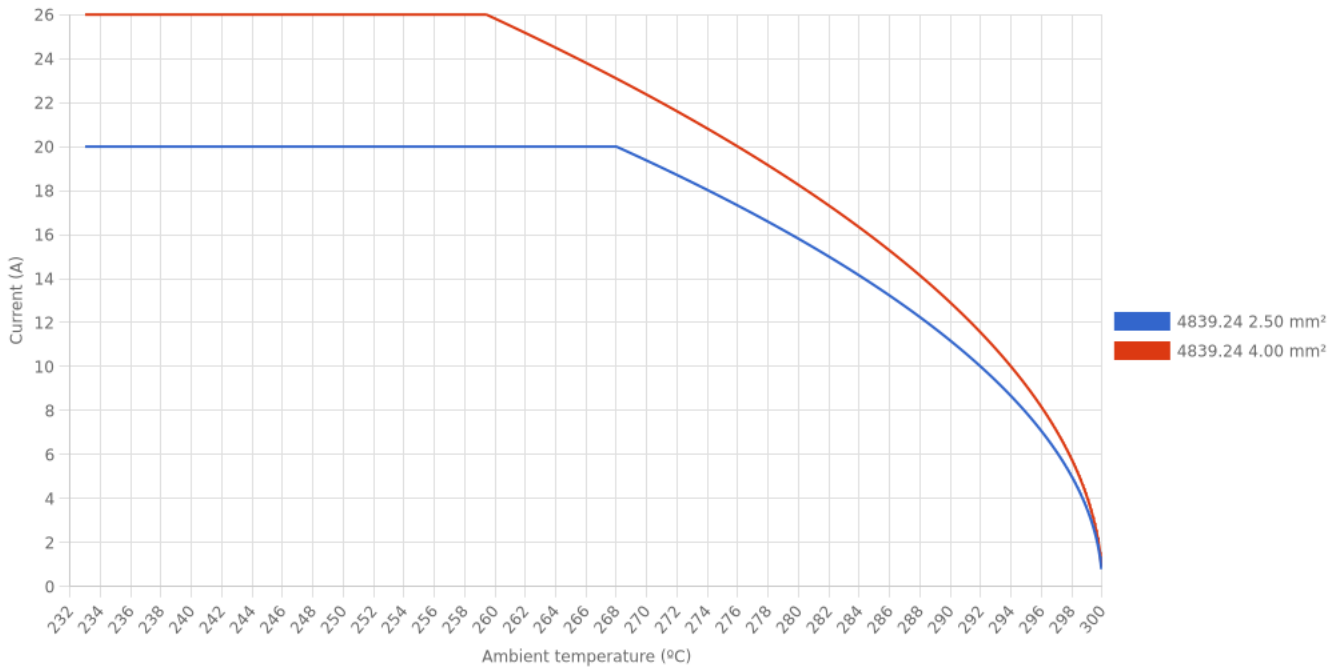
Drawing



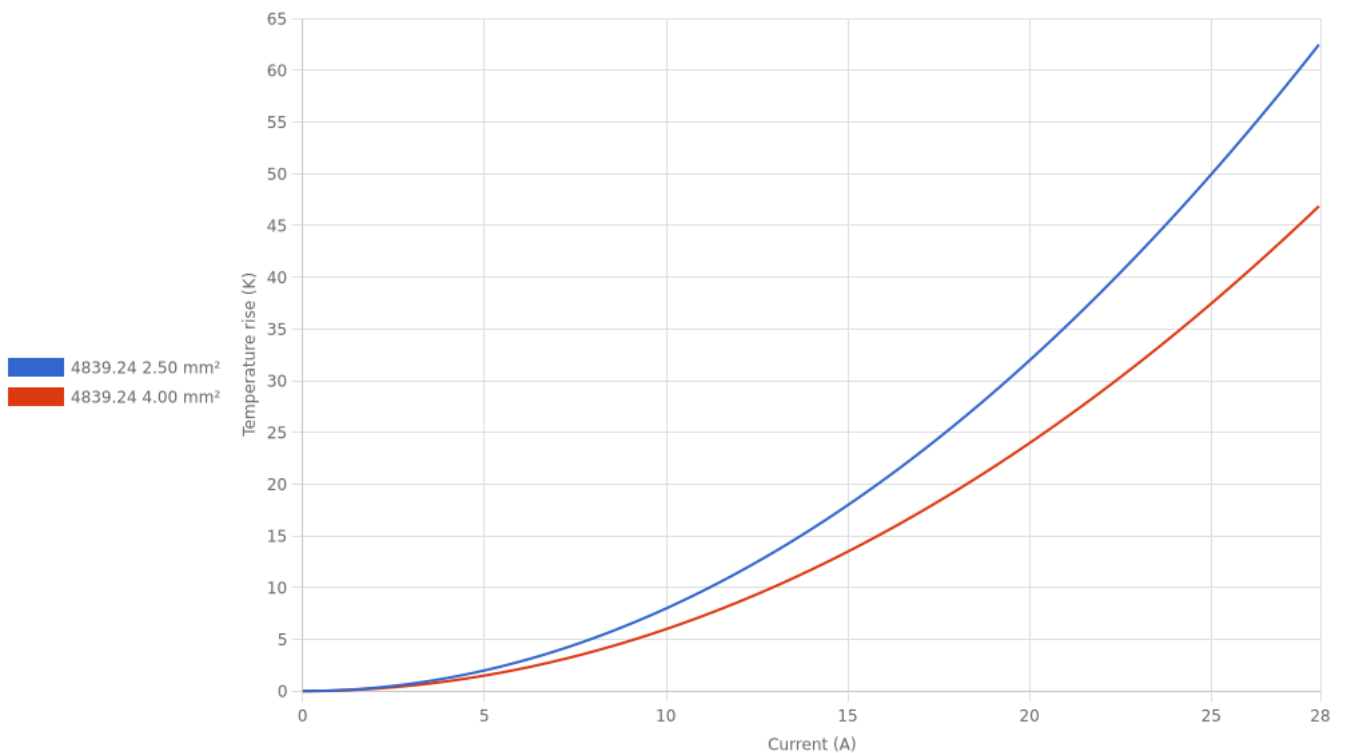
**4839.24 NICKEL-PLATED STEEL**  
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**Derating curve** Current carrying capacity vs. Ambient temperature



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



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