

## 5336.\*\*

### 6.3 (.250) TYPE SERIES · FLAGS FOR CONNECTOR



<b>Specification</b>	Low insertion
<b>Typology</b>	Without Upper Dimple
<b>For male (mm)</b>	6,3x0,8
<b>Wire size mm<sup>2</sup> (AWG)</b>	1-2,5 (18-14)
<b>Ø Insulation (mm)</b>	2,7-3,8

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)	Contact Resist (mΩ)
5336.24	Steel	Nickel-plated	300	1.00

**Material thickness (mm)** 0,45

**Max. rated current**

Wire section	5336.24
1.00 mm <sup>2</sup>	12A
1.50 mm <sup>2</sup>	16A
2.50 mm <sup>2</sup>	20A

**Insertion / Withdrawal forces**



	5336.24
1st Insertion (max)	50N <sup>1</sup>
1st Withdrawal (max)	50N <sup>1</sup>
1st Withdrawal (min)	22N <sup>1</sup>
6th Withdrawal (min)	22N <sup>1</sup>

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

**Application tool** MN5336

**Wire strip length** 4.5 (±0.5) mm

**Crimping parameters & pull out force**

Wire section (±10%)	Conductor 		Insulator 	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
1.00 mm <sup>2</sup>	1.80 (±0.05)	3.06 (±0.05)	4.10 (±0.10)	108N @ 60s
1.50 mm <sup>2</sup>	1.90 (±0.05)	3.09 (±0.05)	4.11 (±0.10)	150N @ 60s
2.50 mm <sup>2</sup>	2.15 (±0.05)	3.16 (±0.05)	4.19 (±0.10)	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** 3000

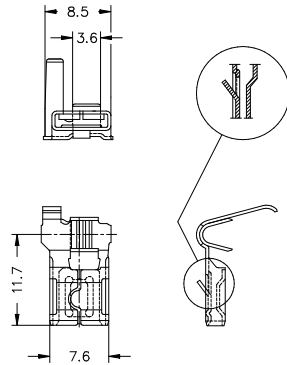
**Compatible connectors** 26337\*\*, P8533\*\*, P8534\*\*, P8535\*\*, R55310\*\*-K, R55312\*\*-K, R5532\*\*-K, R5533\*\*-K, R5534\*\*-K, R5535\*\*-K, R5536\*\*-K, R5537\*\*-K, R5538\*\*-K, R5539\*\*-K

**Approvals**


**5336.\*\***  
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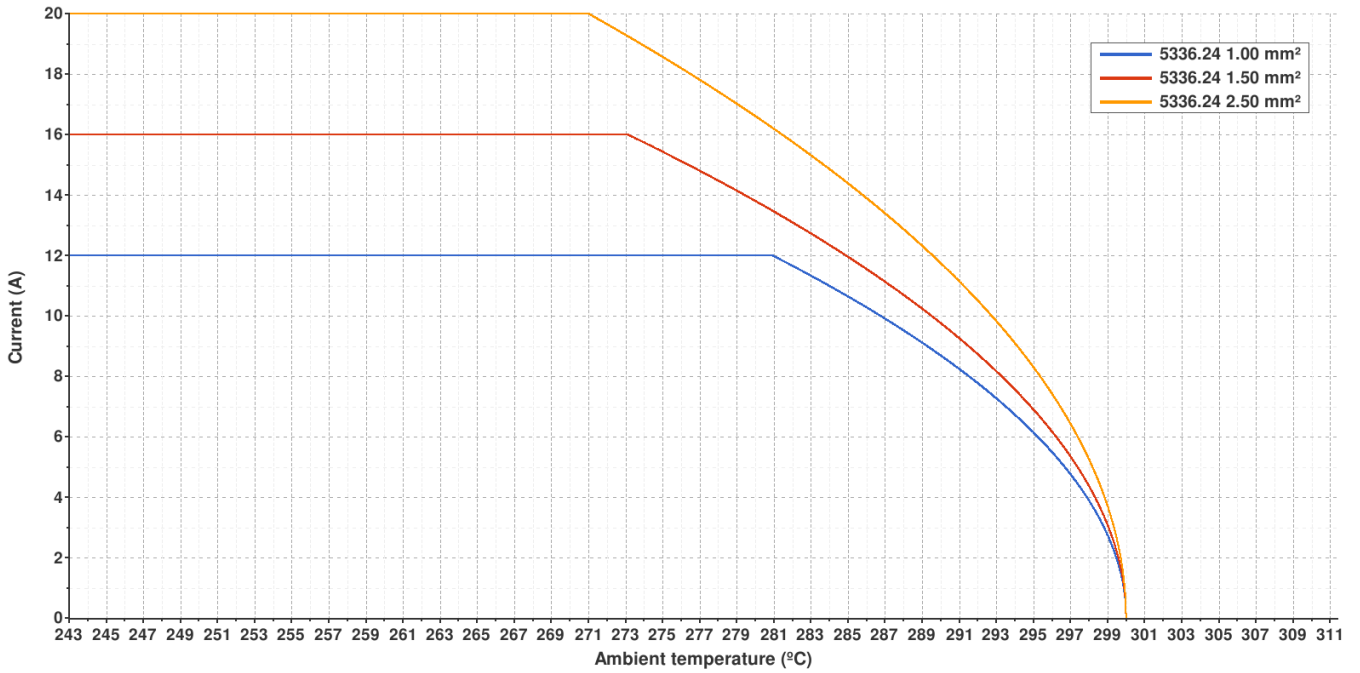
Drawing



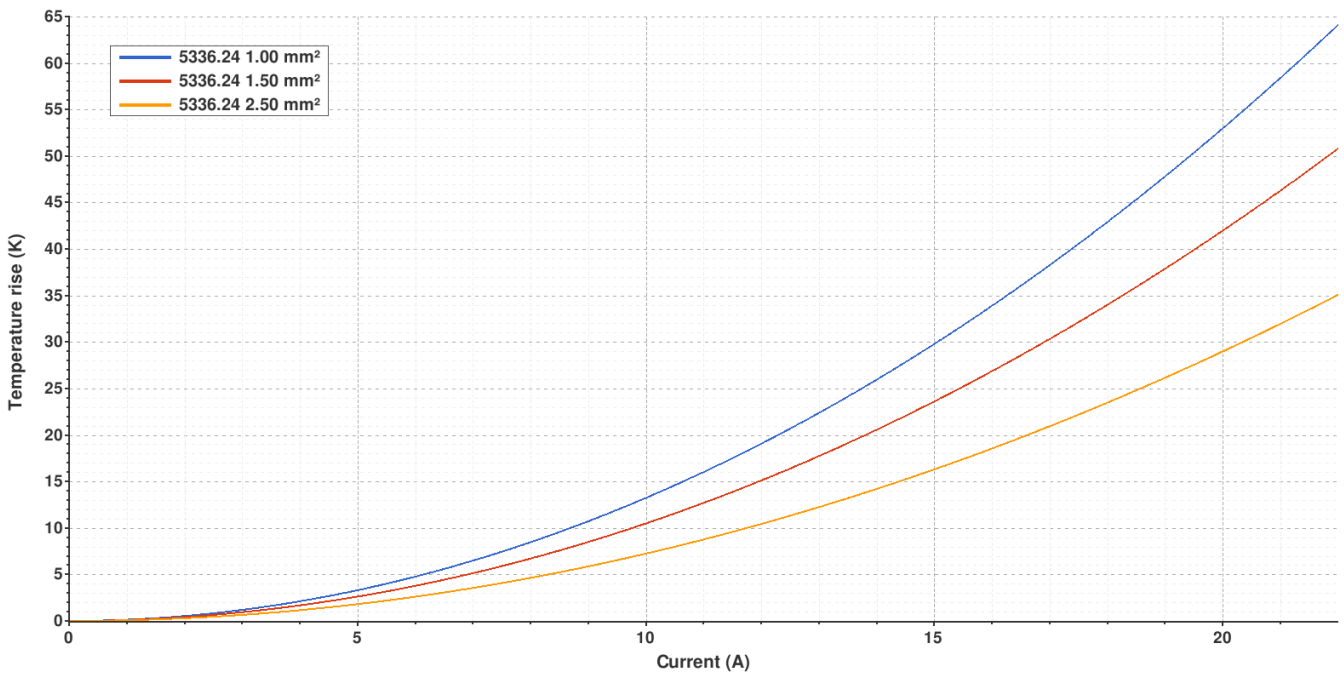
**5336.24 NICKEL-PLATED STEEL**  
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**Derating curve** Current carrying capacity vs. Ambient temperature



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



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Rev. Nr.	Concept	Date	Created/Revised	Approved
A3	De-rating and temperature rise - Update	2022-02-21	Laboratory Dept.	E. Roura (Laboratory Dept.)
A2	Change company name and logo	2021-10-21	Laboratory Dept.	E. Roura
A1	Datasheet generated automatically [A1]	2019-01-18	Laboratory Dept.	E. Roura

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