

## 5429.\*\* 6.3 (.250) TYPE SERIES · FLAGS



<b>Specification</b>	Standard Terminals
<b>Typology</b>	Short Flag. B crimping
<b>For male (mm)</b>	6,3x0,8
<b>Din</b>	Esp
<b>Wire size mm<sup>2</sup> (AWG)</b>	0,5-1,5 (20-16)
<b>Ø Insulation (mm)</b>	1,9-3,3

### Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)	Contact Resist (mΩ)
5429.00	Brass	Natural	110	2.00
5429.02	Brass	Tin plated	120	0.75
5429.24	Steel	Nickel-plated	300	2.00
5429.30	Bronze	Natural	120	(T.B.D.)
5429.32	Bronze	Tin plated	130	(T.B.D.)

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

### Max. rated current

Wire section	5429.00 / 02 / 24 / 30 / 32
0.50 mm <sup>2</sup>	8A
0.75 mm <sup>2</sup>	10A
1.00 mm <sup>2</sup>	12A
1.50 mm <sup>2</sup>	16A



### Insertion / Withdrawal forces

	5429.00 / 30	5429.02 / 24 / 32
1st Insertion (max)	60N <sup>1</sup>	60N <sup>1</sup>
1st Withdrawal (max)	60N <sup>1</sup>	60N <sup>1</sup>
1st Withdrawal (min)	27N <sup>1</sup>	22N <sup>1</sup>
6th Withdrawal (min)	22N <sup>1</sup>	18N <sup>1</sup>

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

**Application tool** MN5429

### Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Insulator 	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.50 mm <sup>2</sup>	1.40 (±0.03)	2.47 (±0.03)	3.30 (±0.10)	56N @ 60s
0.75 mm <sup>2</sup>	1.50 (±0.05)	2.47 (±0.05)	3.30 (±0.10)	84N @ 60s
1.00 mm <sup>2</sup>	1.60 (±0.05)	2.48 (±0.05)	3.30 (±0.10)	108N @ 60s
1.50 mm <sup>2</sup>	1.70 (±0.05)	2.50 (±0.05)	3.30 (±0.10)	150N @ 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** 3500

**Compatible connectors** 26330\*\*, 26432\*\*

**5429.\*\***

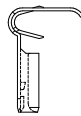
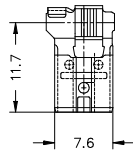
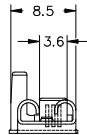
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**Approvals**



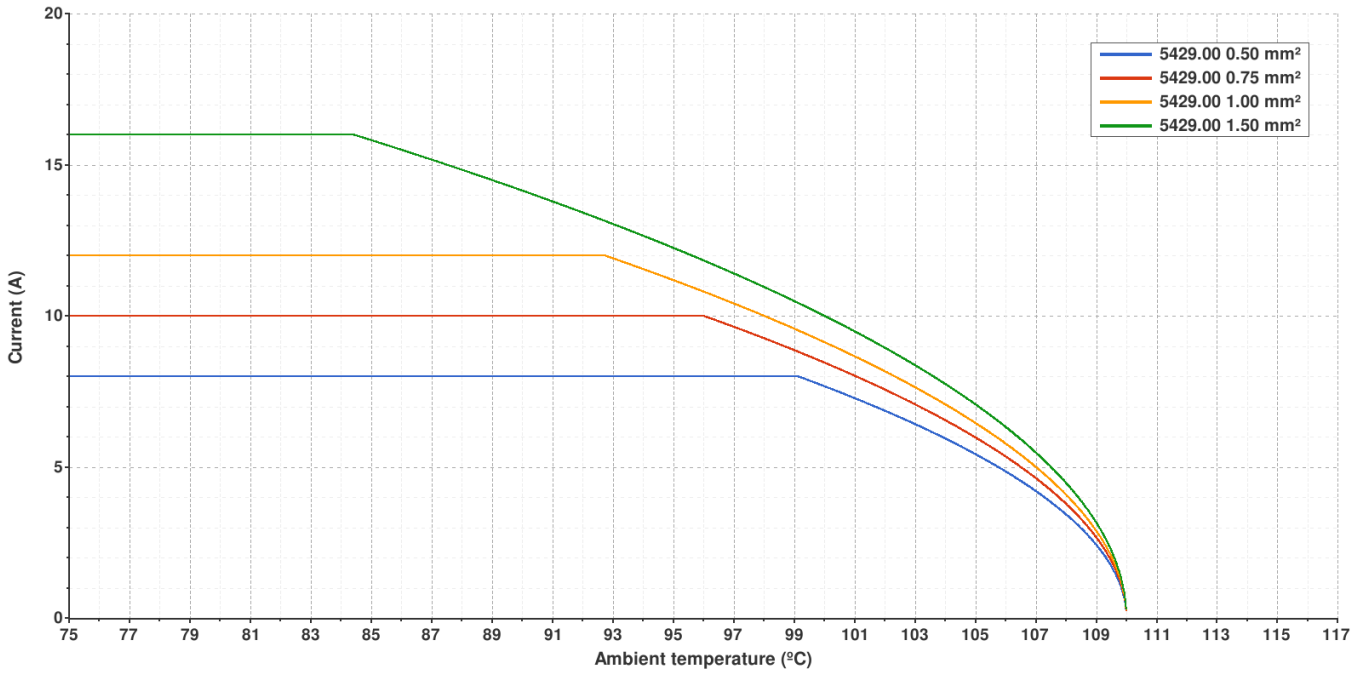
**Drawing**



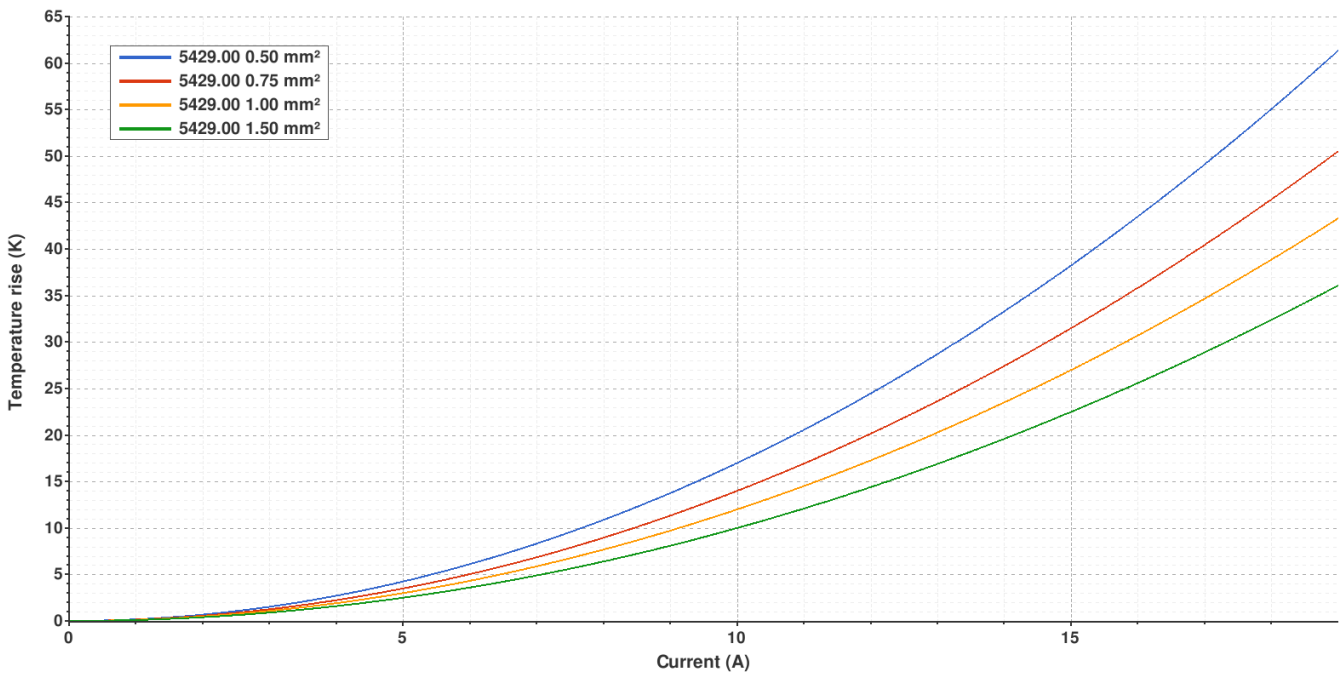
**5429.00 NATURAL BRASS**  
**6.3 (.250) TYPE SERIES · FLAGS**



**Derating curve** Current carrying capacity vs. Ambient temperature



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

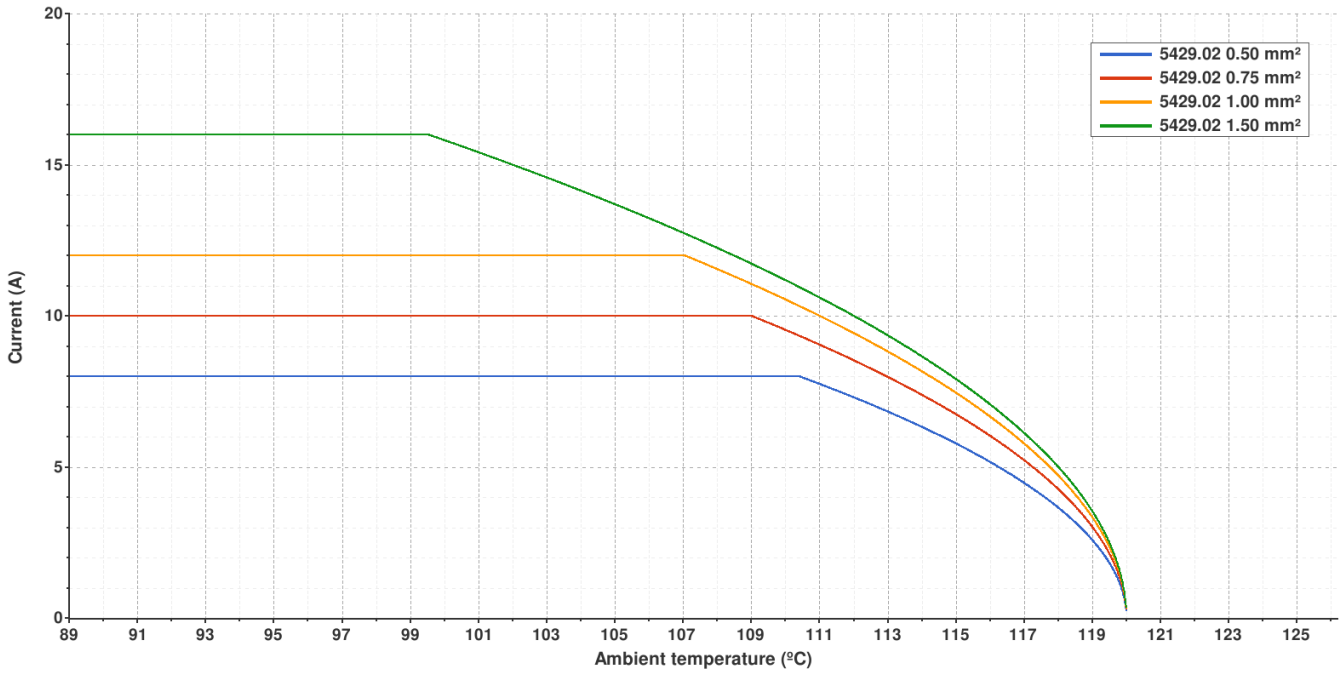


Valid for Natural Brass Tab

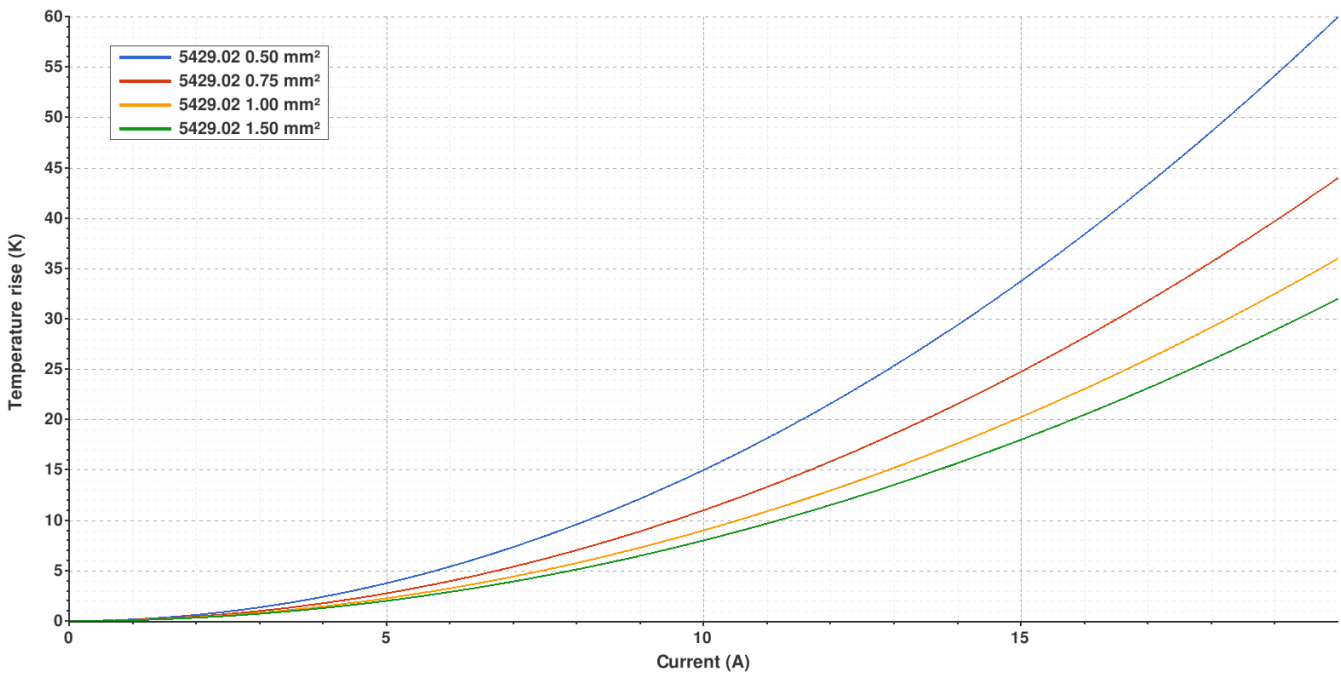
**5429.02 TIN PLATED BRASS**  
**6.3 (.250) TYPE SERIES · FLAGS**



**Derating curve** Current carrying capacity vs. Ambient temperature



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

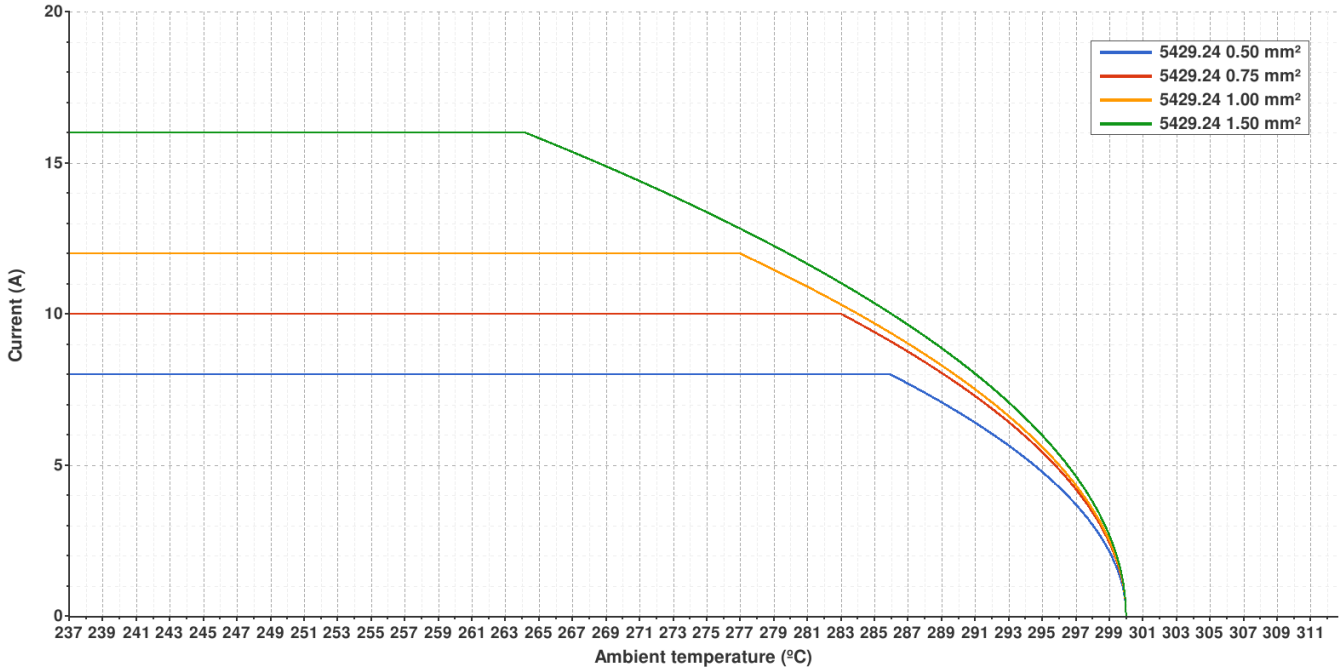


Valid for Natural Brass Tab

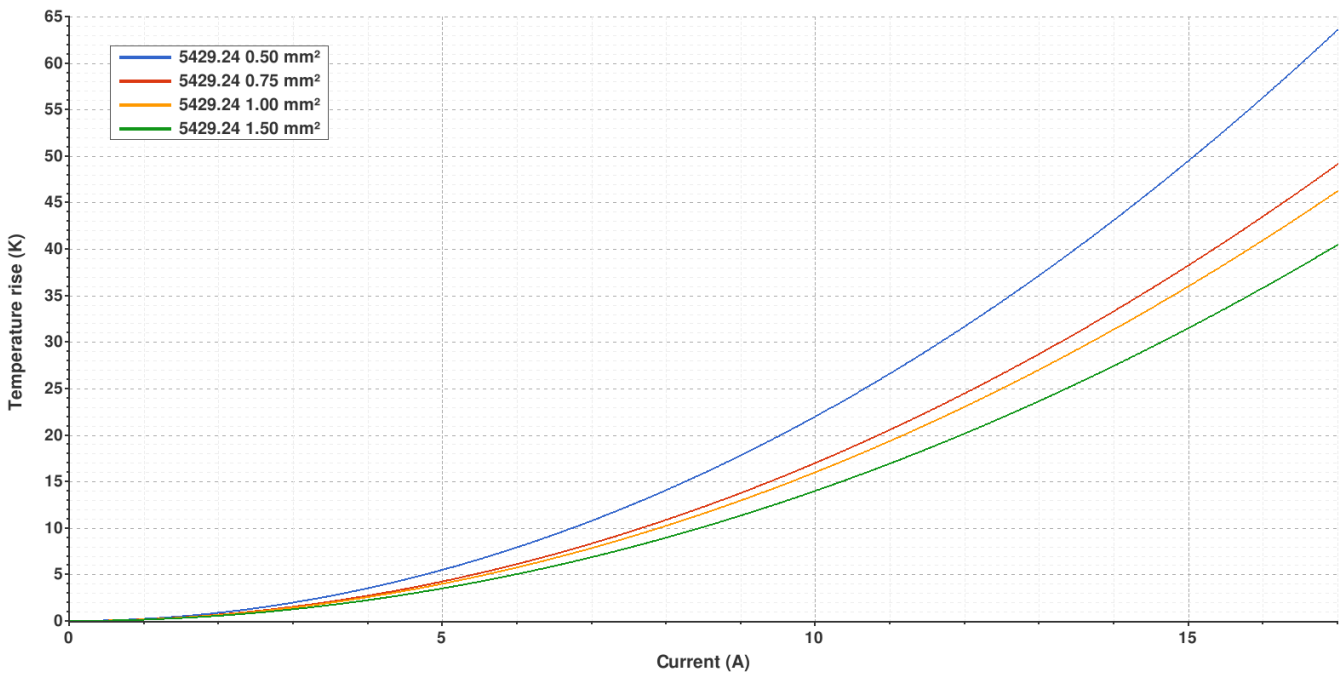
**5429.24 NICKEL-PLATED STEEL**  
**6.3 (.250) TYPE SERIES · FLAGS**



**Derating curve** Current carrying capacity vs. Ambient temperature



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



Valid for Natural Brass Tab

**5429.\*\***
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(T.B.D.): To be determined

**Disclaimer**

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Rev. Nr.	Concept	Date	Created/Revised	Approved
A3	Update insertion and withdrawal forces	2021-11-12	E. Roura (Laboratory Dept.)	O. Roura (Engineering Dept.)
A2	Change company name and logo	2021-10-21	D.Martinez (Laboratory dept.)	M.Codina (Engineering dept.)
A1	Crimping parameters updated	2020-11-16	D.Martinez (Laboratory dept.)	M.Codina (Engineering dept.)

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