

5722.**

6.3 (.250) TYPE SERIES · FLAGS



Specification Basic self locking under TP design

For male (mm) 6,3x0,8

Wire size mm² (AWG) 1-2,5 (18-14)

Ø Insulation (mm) 2,7-3,8

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)	Contact Resist (mΩ)
5722.00	Brass	Natural	110	(T.B.D.)
5722.01	Brass	Pre-tin-plated	120	0.50
5722.30	Bronze	Natural	120	(T.B.D.)
5722.31	Bronze	Pre-tin-plated	130	(T.B.D.)
5722.24	Steel	Nickel-plated	300	2.50
5722.70	German Silver	Natural	210	(T.B.D.)

Material thickness (mm) 0,4

Max. rated current

Wire section	5722.00 / 01 / 30 / 31 / 24 / 70
1.00 mm ²	12A
1.50 mm ²	16A
2.50 mm ²	20A

Insertion / Withdrawal forces

	5722.00 / 01 / 30 / 31	5722.24 / 70
1st Insertion (max)	35N ¹	35N ¹
1st Withdrawal (min, locking enabled)	90N ¹	70N ¹

¹ Valid for Natural Brass Tab

Application tool MN5335

Winding number 3000

Approved regulations

Part nr.	Approval	Standard	File	Certified framework
5722.00	UL	UL 310	E211727	AWG 18-14 (16-41 Stranded Cu) / MN5722
5722.01	UL	UL 310	E211727	AWG 18-14 (16-41 Stranded Cu) / MN5722
5722.24	UL	UL 310	E211727	AWG 18-14 (16-41 Stranded Cu) / MN5722

Approvals

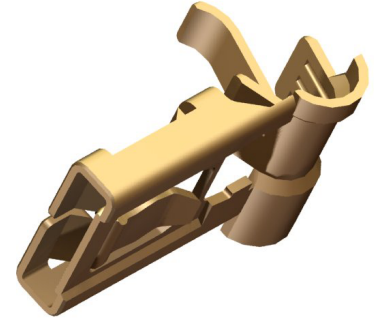
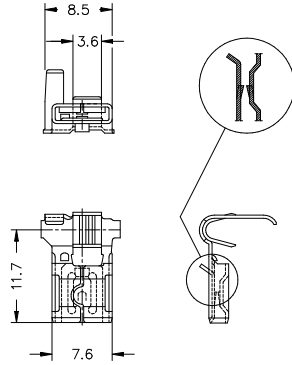


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 **TP LOCK**

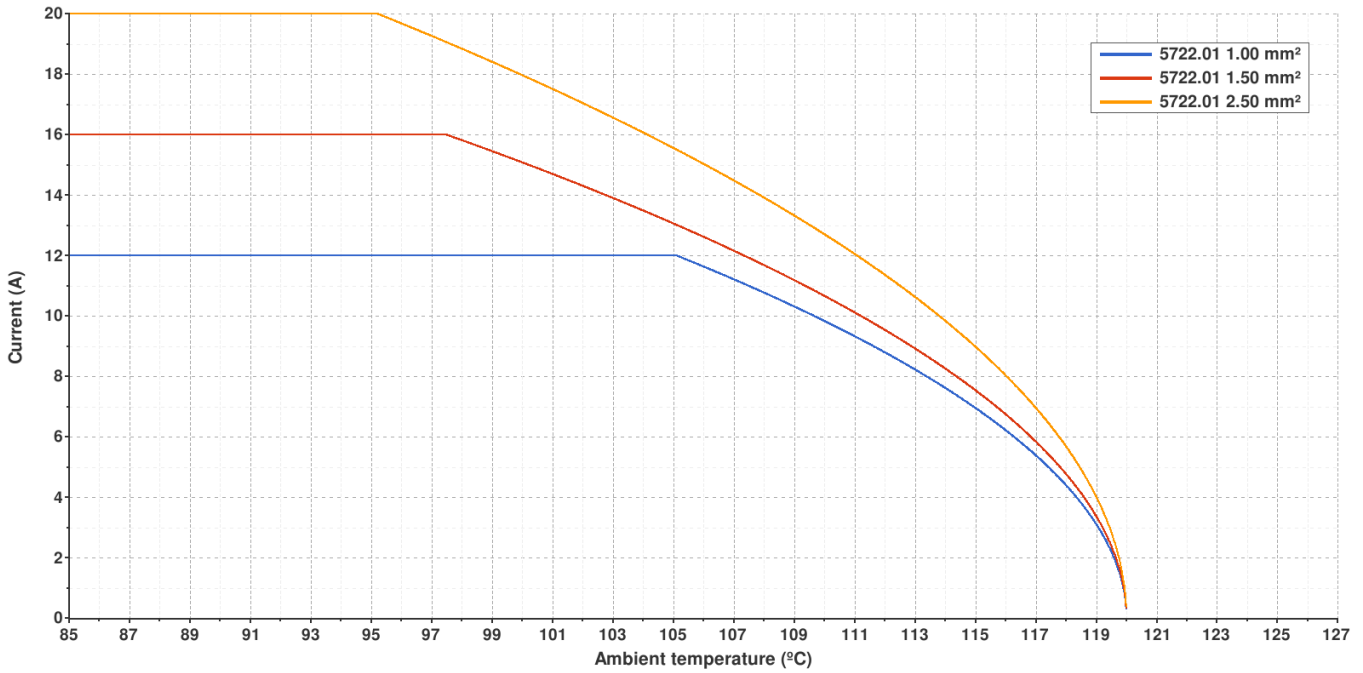
Drawing



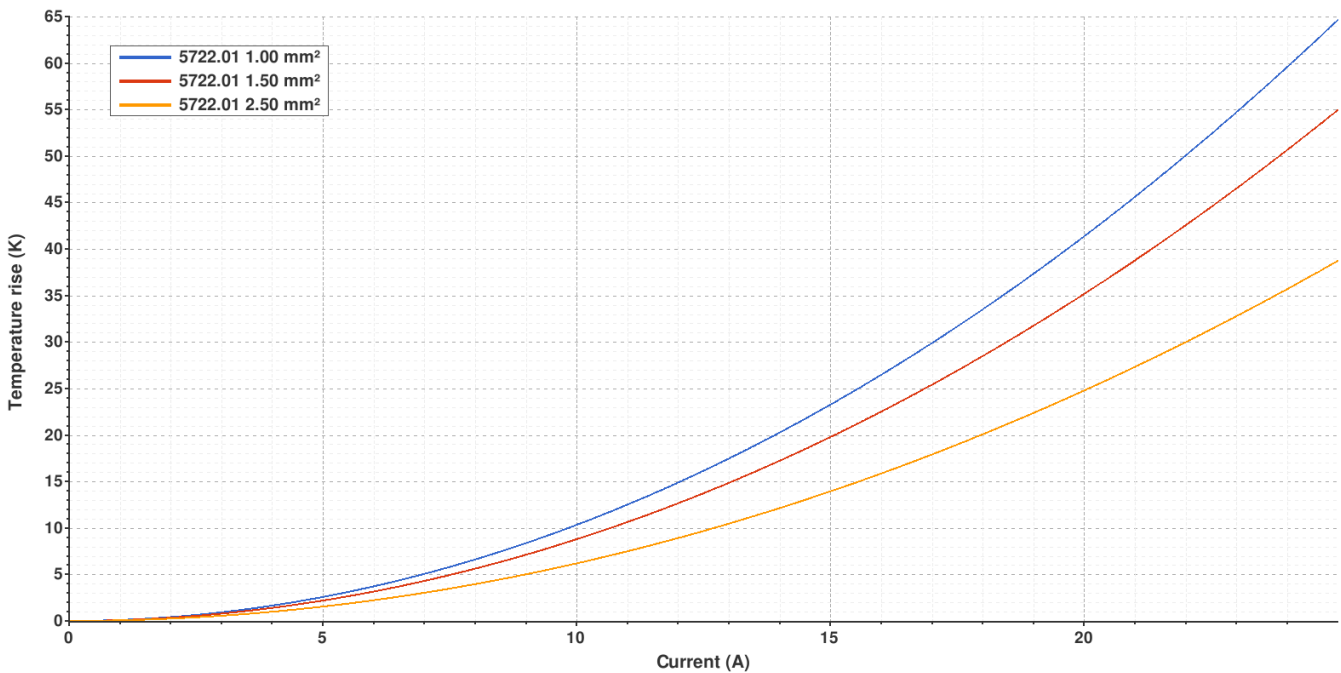
5722.01 PRE-TIN-PLATED BRASS
6.3 (.250) TYPE SERIES · FLAGS



Derating curve Current carrying capacity vs. Ambient temperature



Temperature rise curve Terminal temperature rise due to the current carried

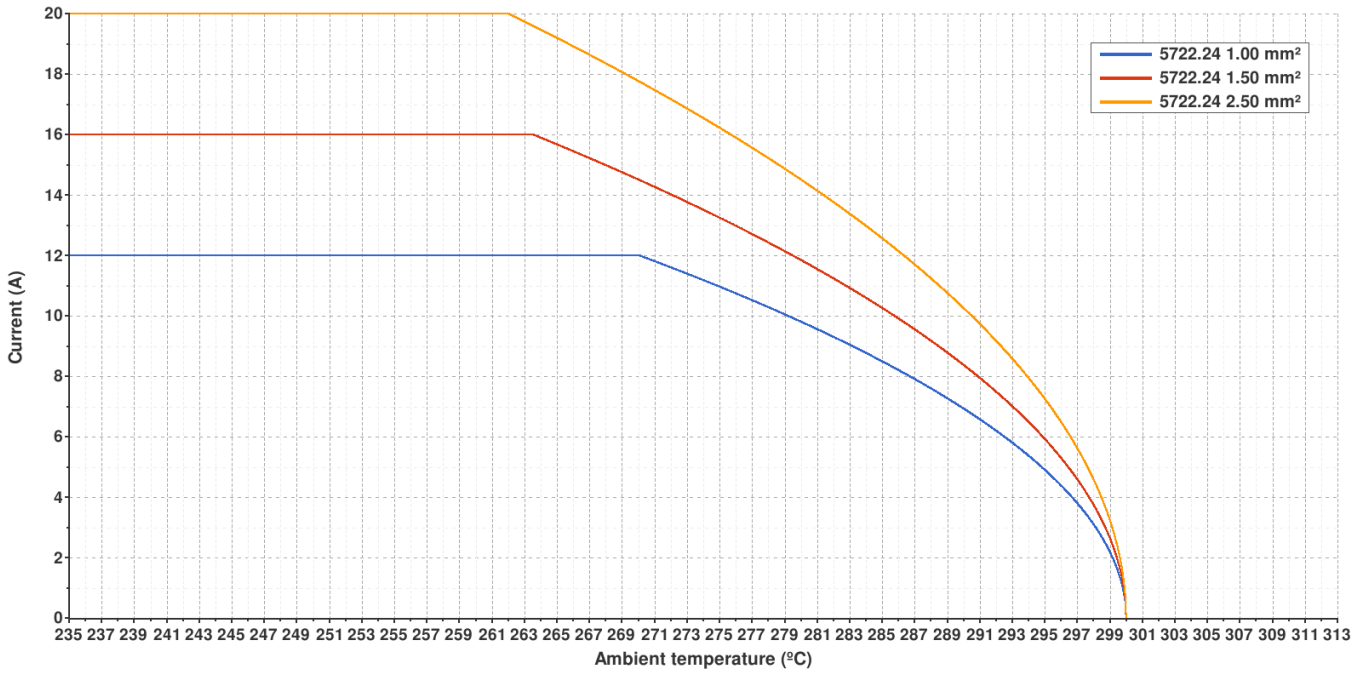


Valid for Natural Brass Tab

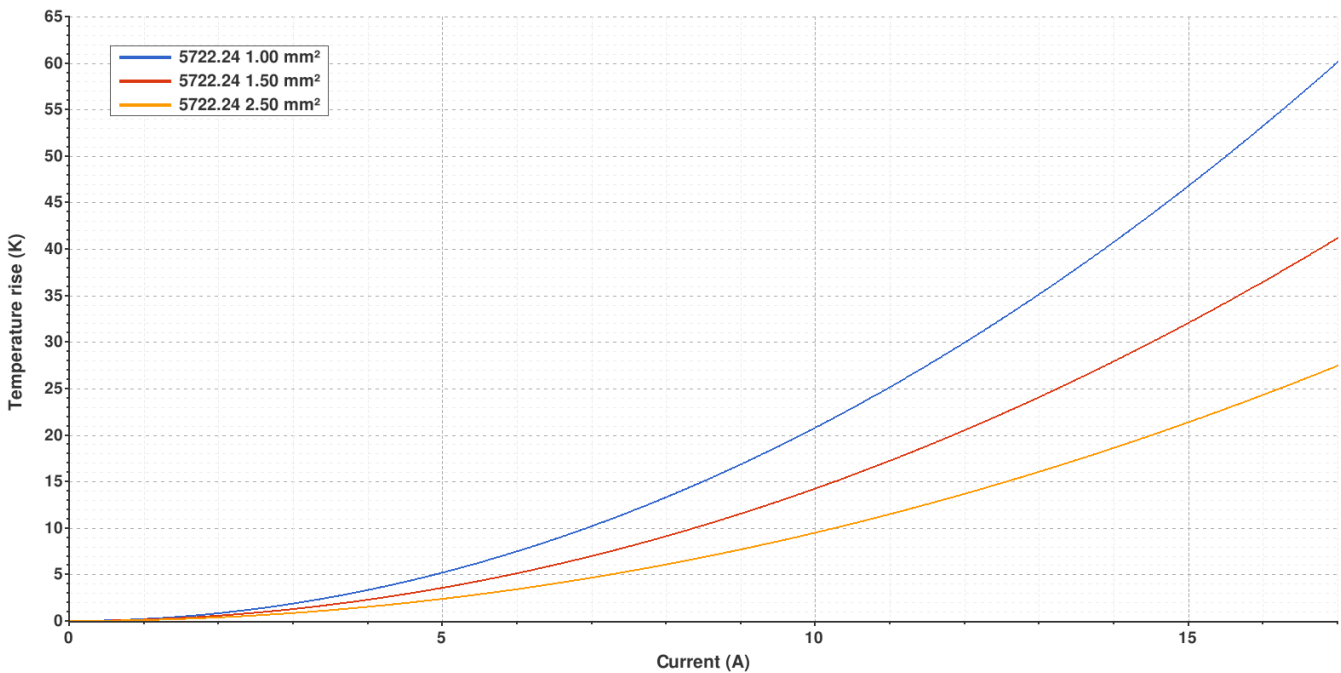
5722.24 NICKEL-PLATED STEEL
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Derating curve Current carrying capacity vs. Ambient temperature



Temperature rise curve Terminal temperature rise due to the current carried



Valid for Natural Brass Tab

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(T.B.D.): To be determined

Disclaimer

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Rev. Nr.	Concept	Date	Created/Revised	Approved
A1	Datasheet generated automatically [A1]	2023-12-11	E. Roura (Laboratory Dept.)	D. Yabar (Engineering Dept.)

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