



**5335.\*\***

**RAST 5 TERMINALS AND CONNECTORS · FLAGS FOR CONNECTOR**



**Specification** RAST 5 CRIMP CONNECT

**Typology** Without Upper Dimple

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

**Wire size mm<sup>2</sup> (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)
5335.00	Brass	Natural	110	1.00
5335.01	Brass	Pre-tin-plated	120	0.50
5335.24	Steel	Nickel-plated	300	2.00
5335.30	Bronze	Natural	120	(T.B.D.)
5335.31	Bronze	Pre-tin-plated	130	0.75
5335.70	German Silver	Natural	210	(T.B.D.)

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

**Max. rated current**

Wire section	5335.00 / 01 / 24 / 30 / 31 / 70
1.00 mm <sup>2</sup>	12A
1.50 mm <sup>2</sup>	16A
2.50 mm <sup>2</sup>	20A



**Insertion / Withdrawal forces**

	5335.00 / 01 / 30 / 31	5335.24 / 70
1st Insertion (max)	20N <sup>1</sup>	25N <sup>1</sup>
1st Withdrawal (max)	40N <sup>1</sup>	40N <sup>1</sup>
6th Withdrawal (min)	13N <sup>1</sup>	13N <sup>1</sup>

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

**Application tool** MN5335

**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>	1.65 (±0.05)	3.05 (±0.05)	4.01 (±0.10)	108N @ 60s
1.50 mm <sup>2</sup>	1.75 (±0.05)	3.07 (±0.05)	4.03 (±0.10)	150N @ 60s
2.00 mm <sup>2</sup>	1.85 (±0.05)	3.10 (±0.05)	4.05 (±0.10)	150N @ 60s
2.50 mm <sup>2</sup>	1.95 (±0.05)	3.13 (±0.05)	4.05 (±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



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**Approved regulations**

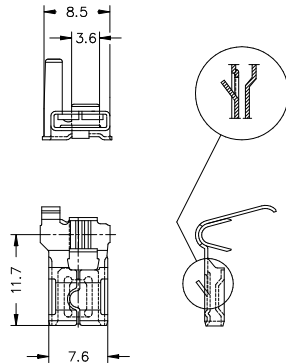
Part nr.	Approval	Standard	File	Certified framework
5335.00 <sup>1</sup>	UL	UL 1977	E222213	AWG 18-14
5335.01 <sup>1</sup>	UL	UL 1977	E222213	AWG 18-14
5335.24 <sup>1</sup>	UL	UL 1977	E222213	AWG 18-14
5335.30 <sup>1</sup>	UL	UL 1977	E222213	AWG 18-14
5335.31 <sup>1</sup>	UL	UL 1977	E222213	AWG 18-14
5335.70 <sup>1</sup>	UL	UL 1977	E222213	AWG 18-14

<sup>1</sup> Cat. No. meets with the standard UL1977 as a component of UP-RAST5 full connection system.  
Rated current and voltage:  
600V - 15A

**Approvals**



**Drawing**





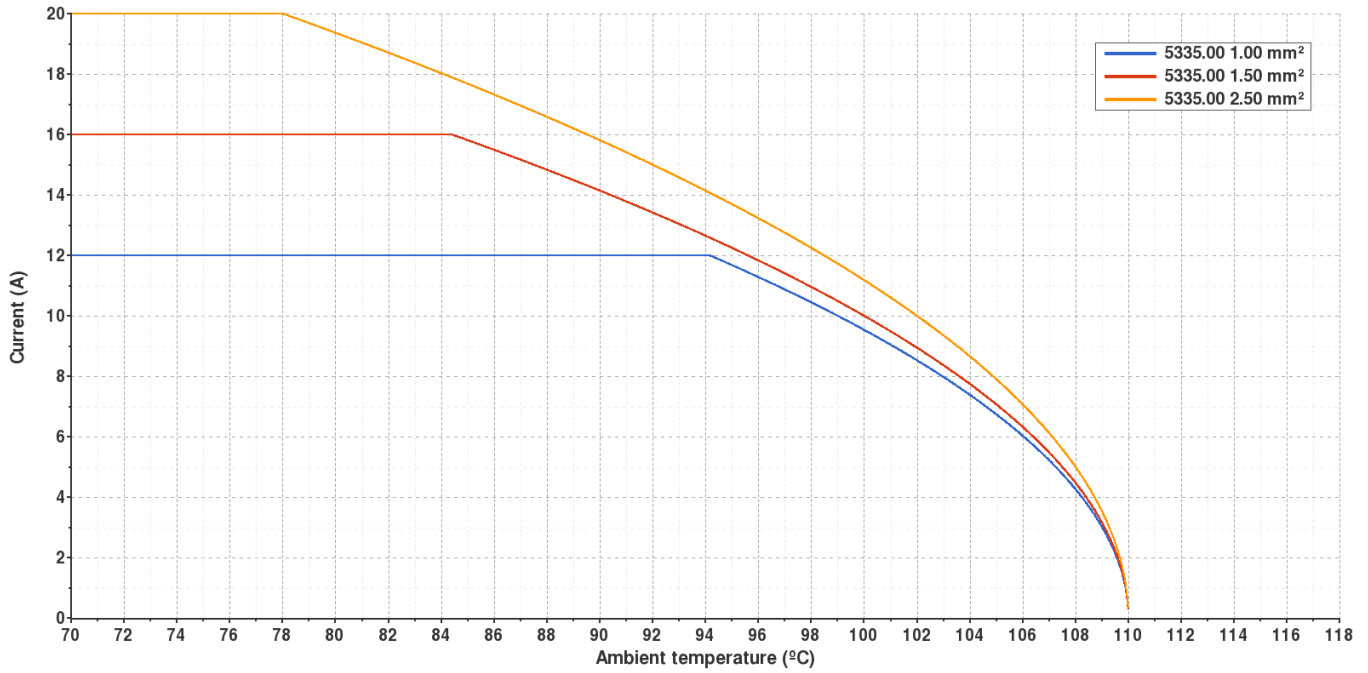
**5335.00 NATURAL BRASS**

**RAST 5 TERMINALS AND CONNECTORS · FLAGS FOR CONNECTOR**



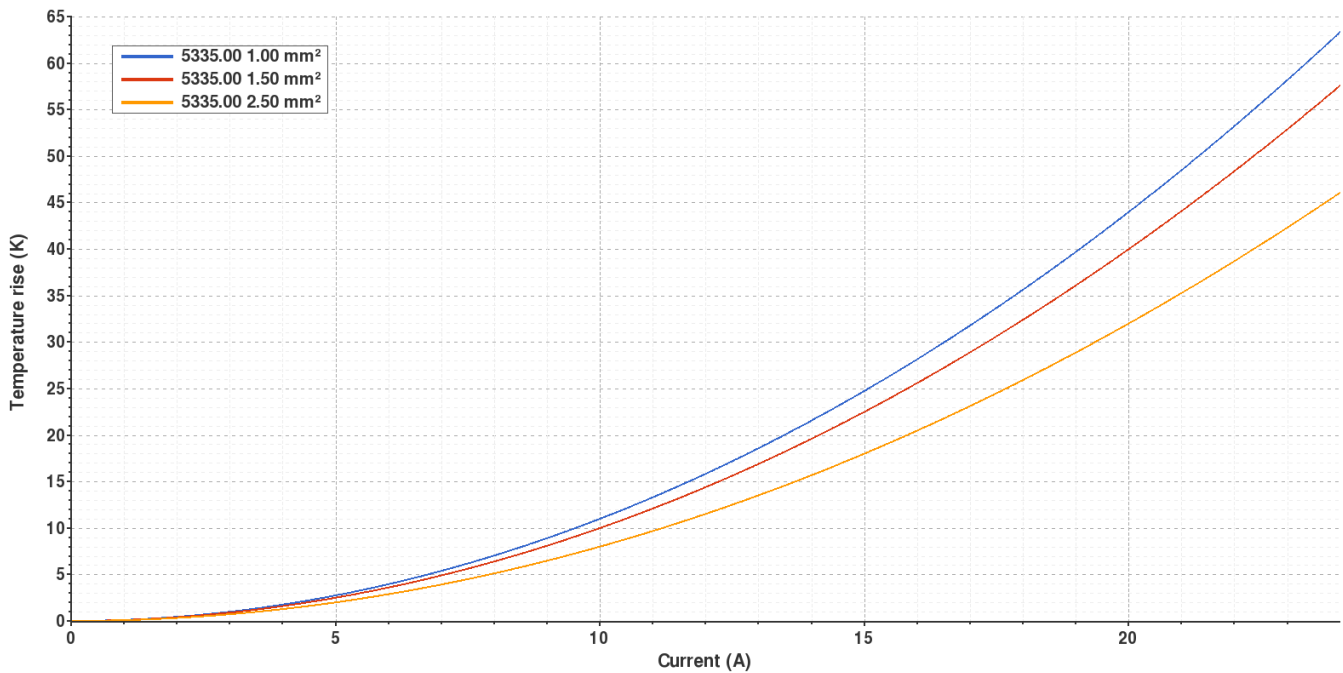
**Derating curve**

Current carrying capacity vs. Ambient temperature



**Temperature rise curve**

Terminal temperature rise due to the current carried



Valid for Natural Brass Tab



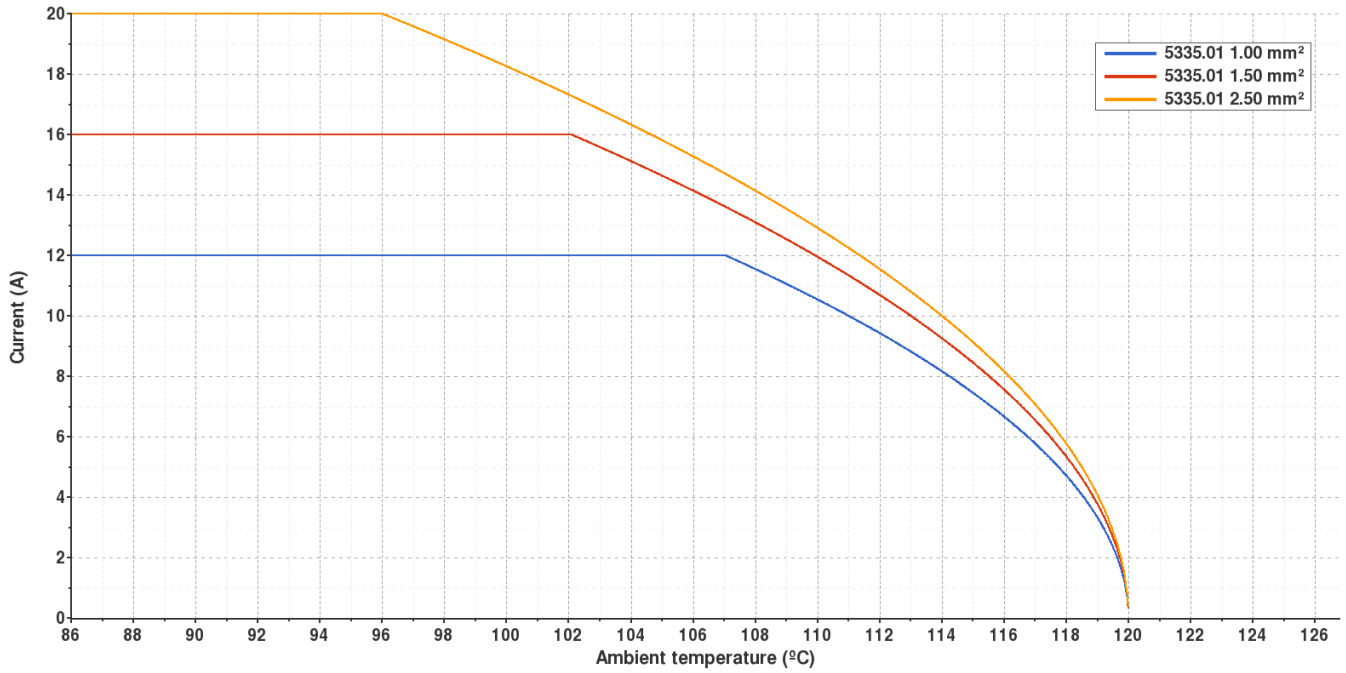
**5335.01 PRE-TIN-PLATED BRASS**

**RAST 5 TERMINALS AND CONNECTORS · FLAGS FOR CONNECTOR**



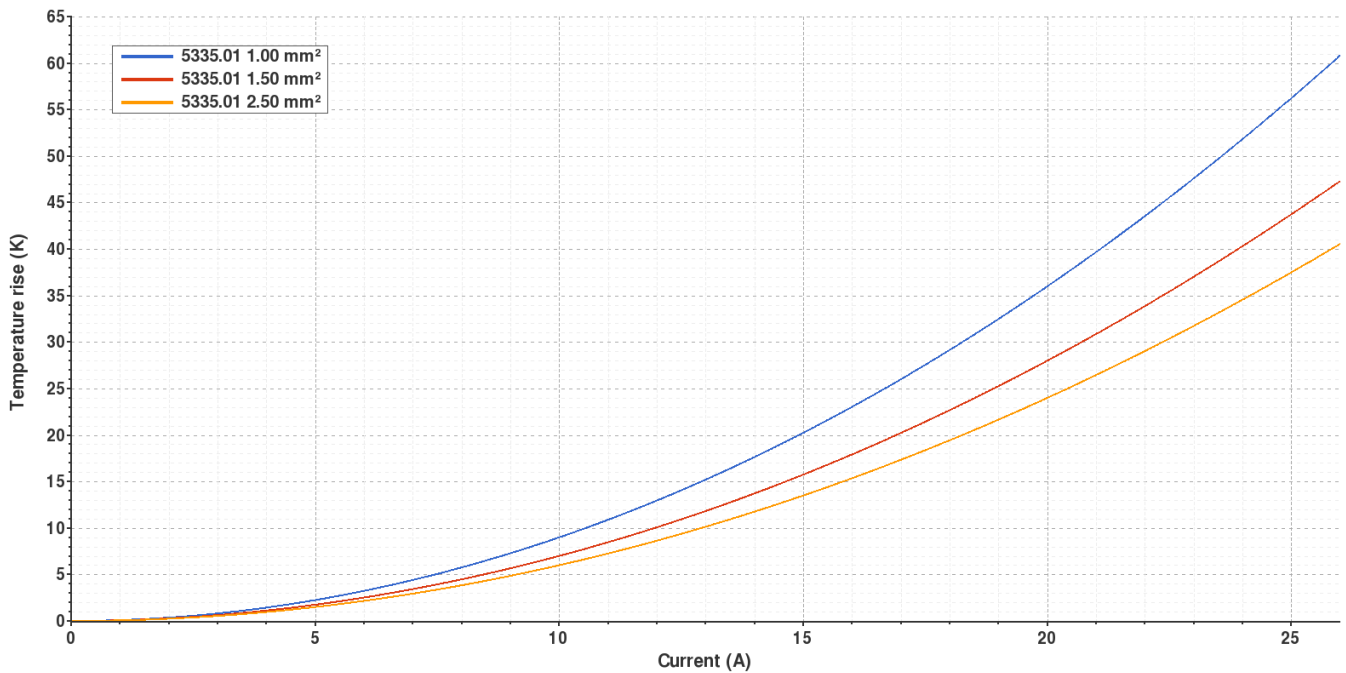
**Derating curve**

Current carrying capacity vs. Ambient temperature



**Temperature rise curve**

Terminal temperature rise due to the current carried



Valid for Natural Brass Tab



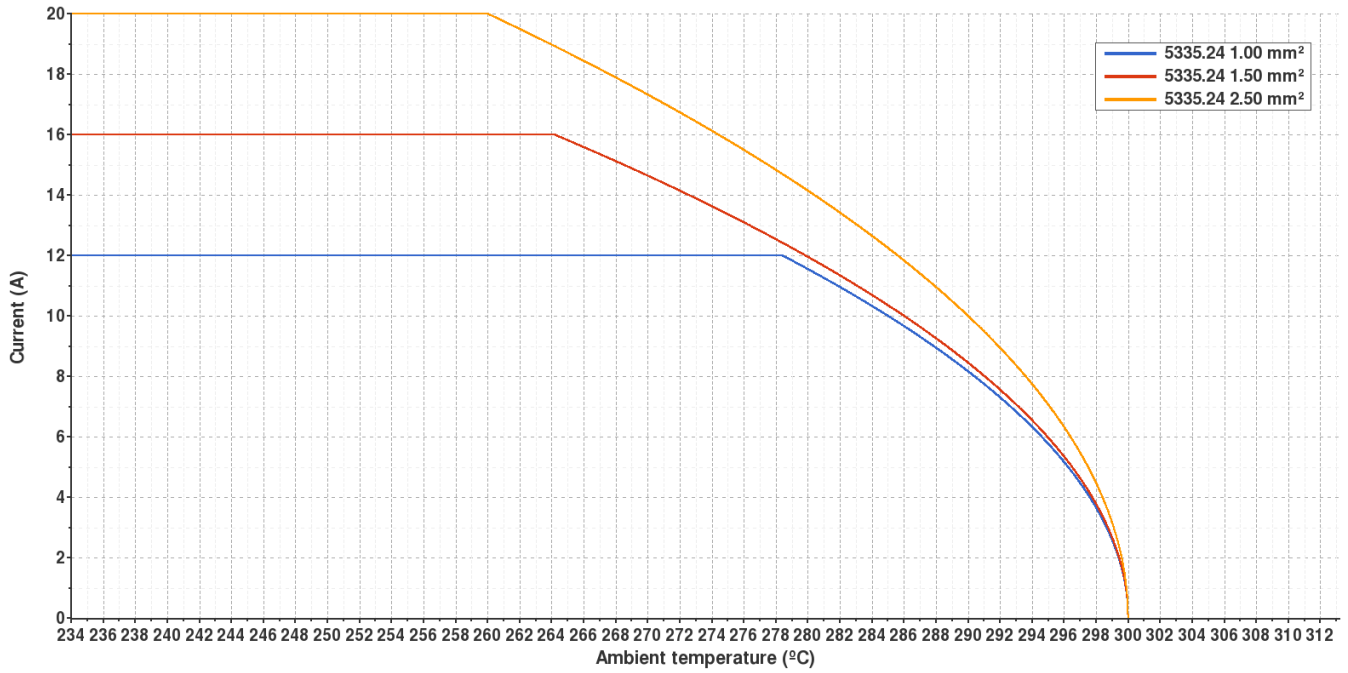
**5335.24 NICKEL-PLATED STEEL**

**RAST 5 TERMINALS AND CONNECTORS · FLAGS FOR CONNECTOR**



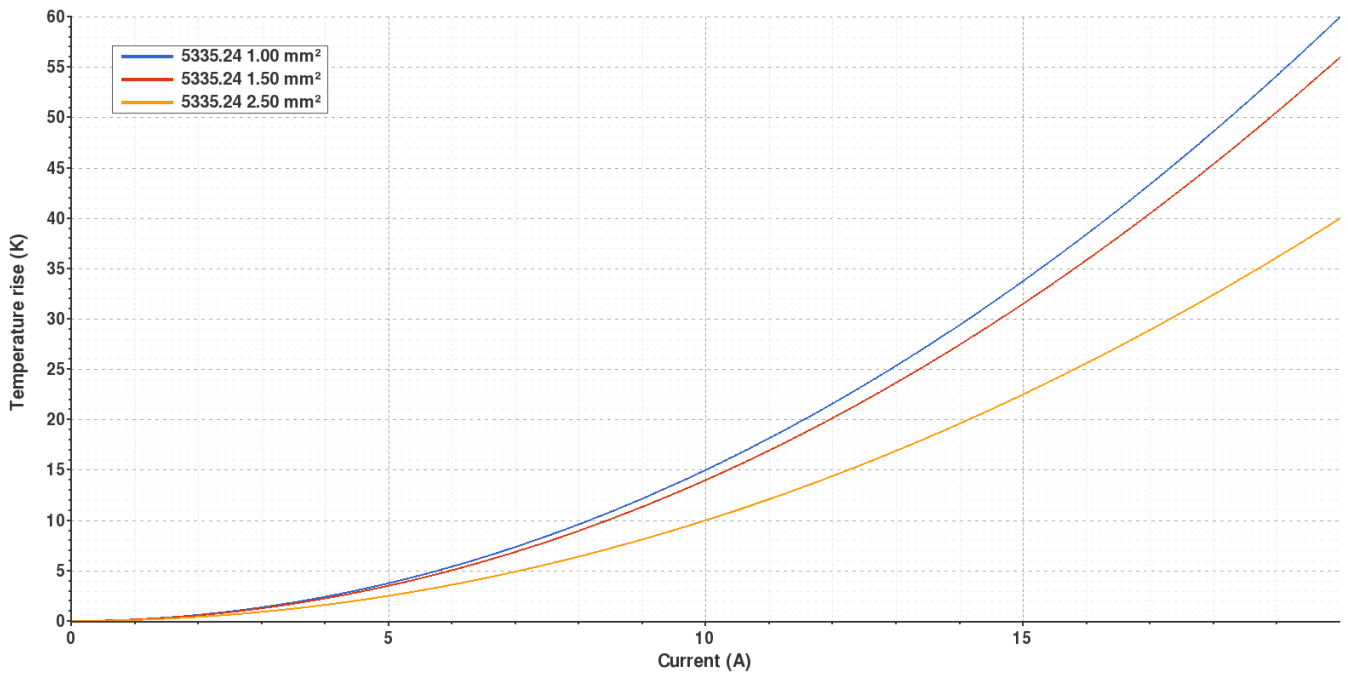
**Derating curve**

Current carrying capacity vs. Ambient temperature



**Temperature rise curve**

Terminal temperature rise due to the current carried



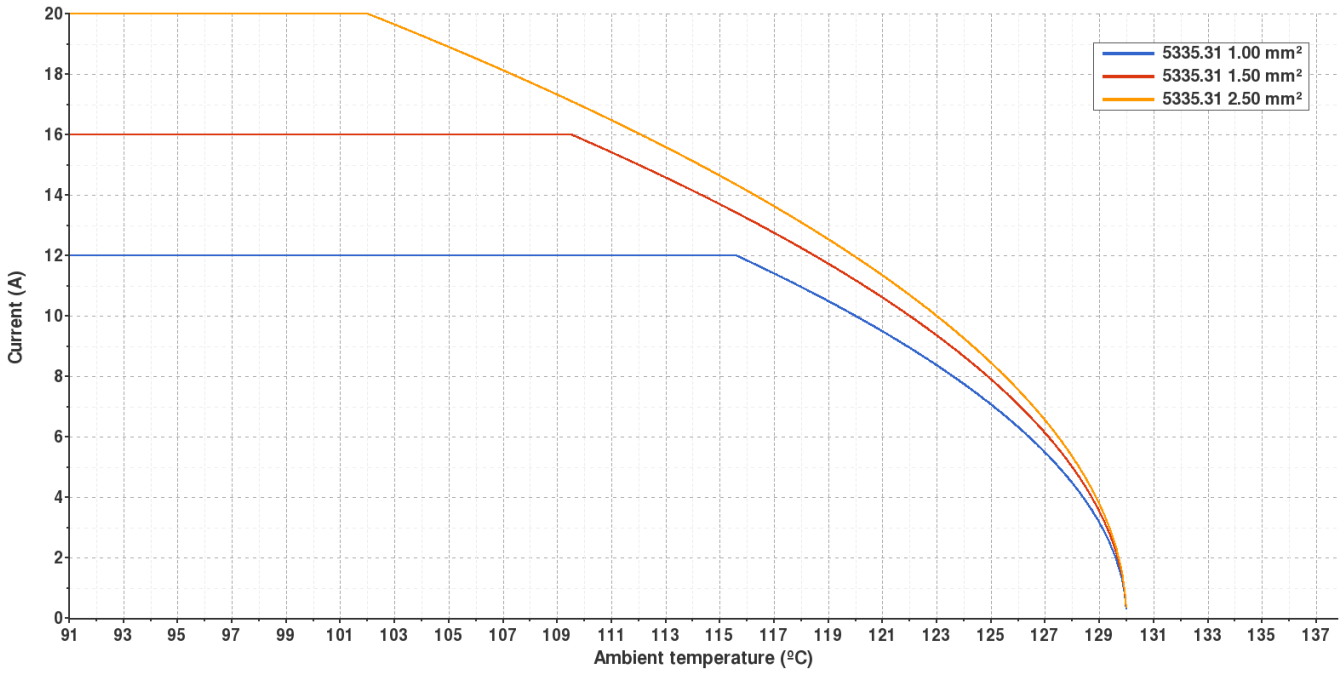
Valid for Natural Brass Tab



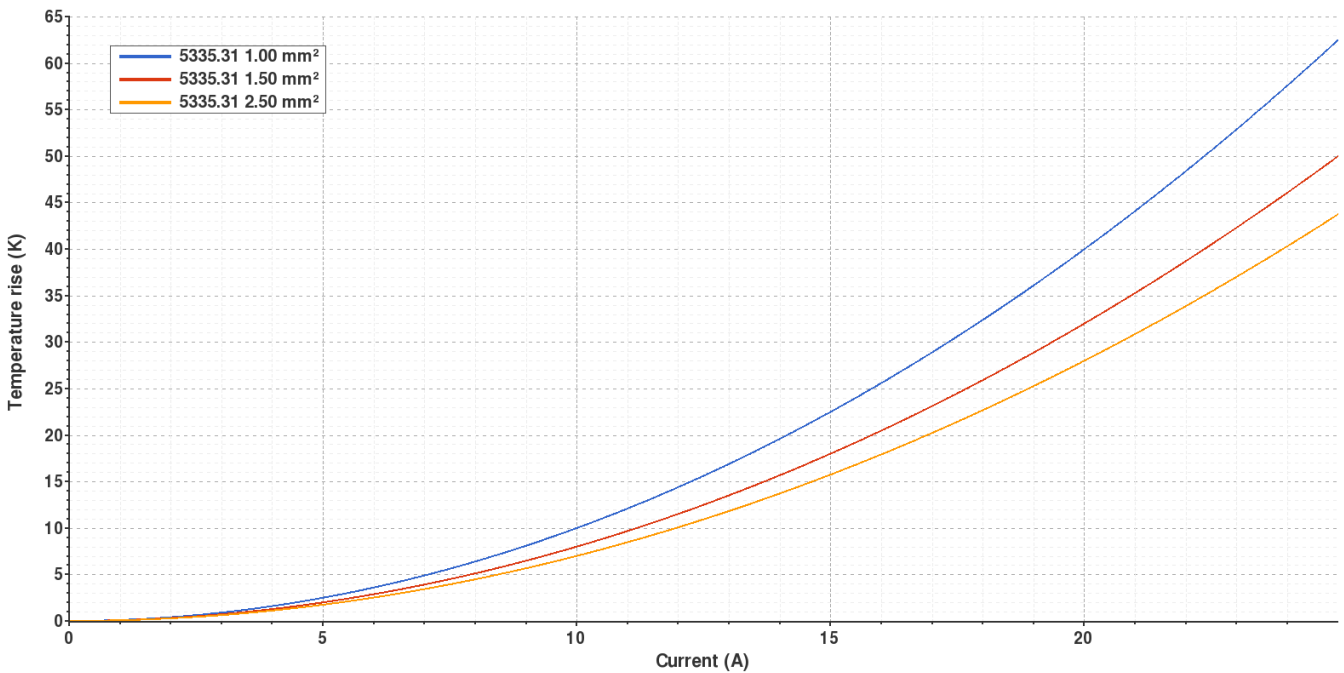
**5335.31 PRE-TIN-PLATED BRONZE**  
**RAST 5 TERMINALS AND CONNECTORS · FLAGS FOR CONNECTOR**



**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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