4348.**

6.3 (.250) TYPE SERIES · RECEPTACLES FOR CONNECTOR

Specification Standard Terminals

For male (mm) 6,3x0,8

Din 46340

Wire size mm² (AWG) 2,5-6 (14-10)

Ø Insulation (mm) 3,8-5

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (ºC)	Contact Resist (mΩ)
4348.00	Brass	Natural	110	0.75
4348.02	Brass	Tin plated	120	0.50
4348.30	Bronze	Natural	120	0.75
4348.32	Bronze	Tin plated	130	0.75

Material thickness (mm) 0,4

Max. rated current

Wire section	4348.00 / 02 / 30 / 32
2.50 mm²	20A
4.00 mm²	26A
6.00 mm²	34A

Insertion / Withdrawal forces

	4348.00 / 30	4348.02 / 32
1st Insertion (max)	30N[1]	40N[1]
1st Withdrawal (max)	35N[1]	40N[1]
6th Withdrawal (min)	7N[1]	7N[1]

[1] Valid for Natural Brass Tab

Application tool MN4346

Wire strip length 5.0 (±0.5) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
2.50 mm²	2.15 (±0.05)	3.96 (±0.05)	6.04 (±0.10)	230N @ 60s
4.00 mm²	2.35 (±0.05)	3.99 (±0.05)	6.05 (±0.10)	310N @ 60s
6.00 mm²	2.70 (±0.05)	4.02 (±0.05)	6.05 (±0.10)	360N @ 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 4000

Compatible connectors 26351**, 26352**, 26353**, 26354**, 26355**, 26356**, 26357**, 26358**, 26374**, 26375**, 26378**, 26380**, 26386**, 26387**, 26390**, 26397**

Approved regulations

Part nr.	Approval	Standard	File	Certified framework
4348.00	UL	UL 310	E211727	AWG 14-10 (41-105 Stranded Cu) / MN4348
4348.02	UL	UL 310	E211727	AWG 14-10 (41-105 Stranded Cu) / MN4348
4348.30	UL	UL 310	E211727	AWG 14-10 (41-105 Stranded Cu) / MN4348
4348.32	UL	UL 310	E211727	AWG 14-10 (41-105 Stranded Cu) / MN4348

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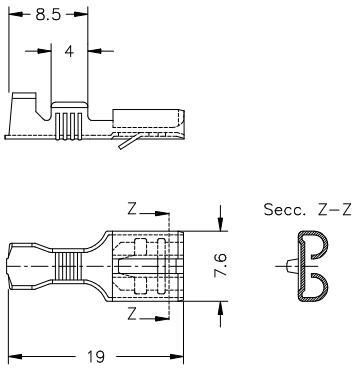
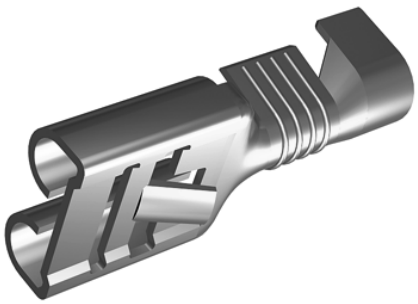
6.3 (.250) TYPE SERIES · RECEPTACLES FOR CONNECTOR

Approvals

Drawing

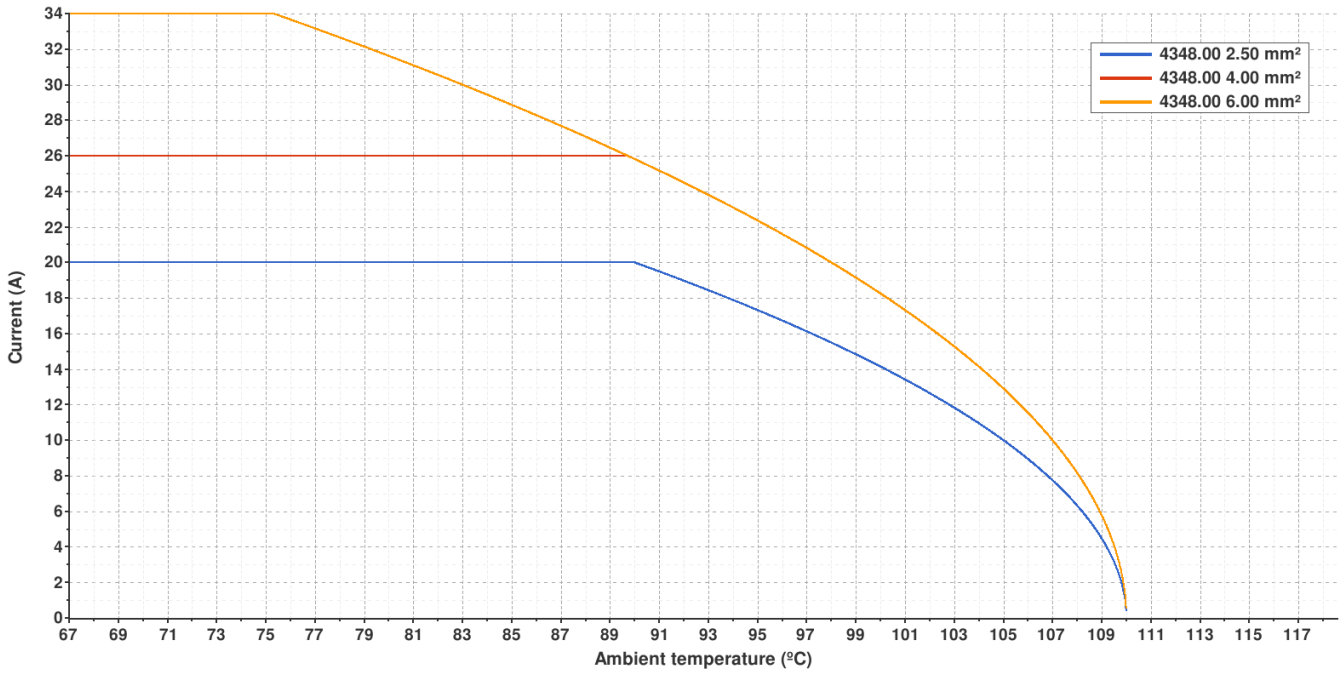




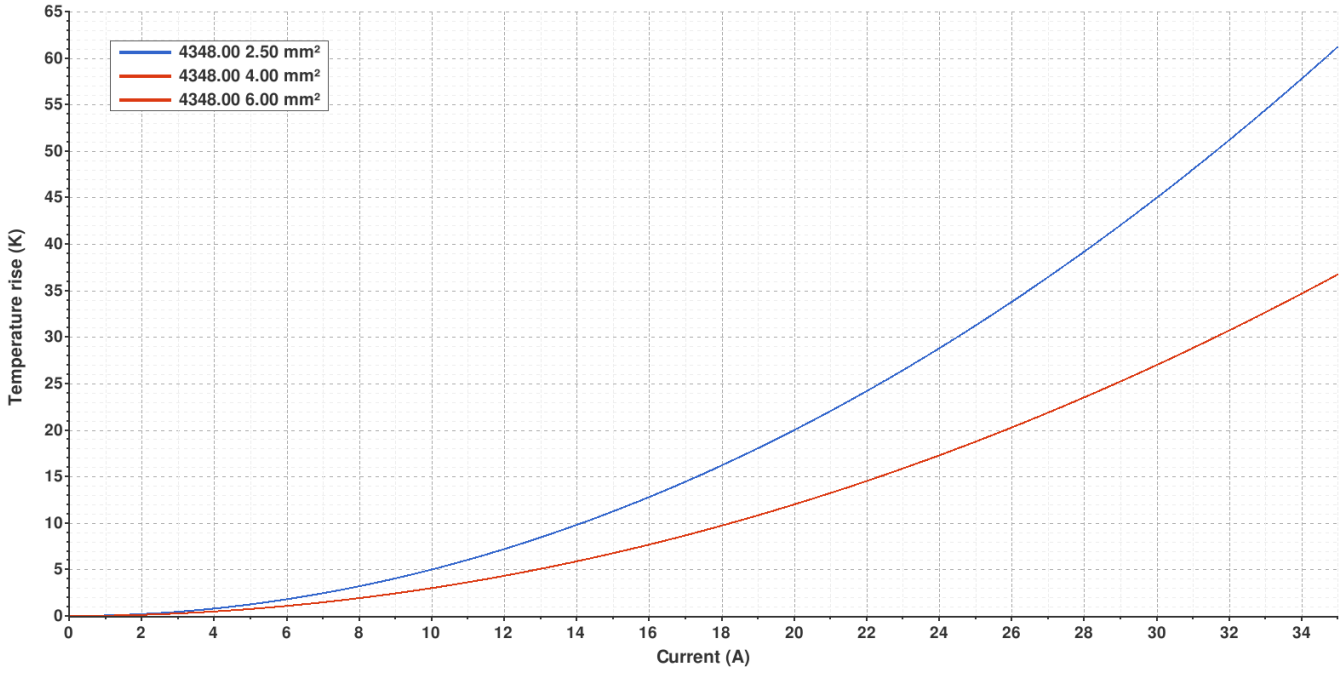
4348.00 NATURAL BRASS

6.3 (.250) TYPE SERIES · RECEPTACLES FOR CONNECTOR

Derating curve Current carrying capacity vs. Ambient temperature



Temperature rise curve Terminal temperature rise due to the current carried

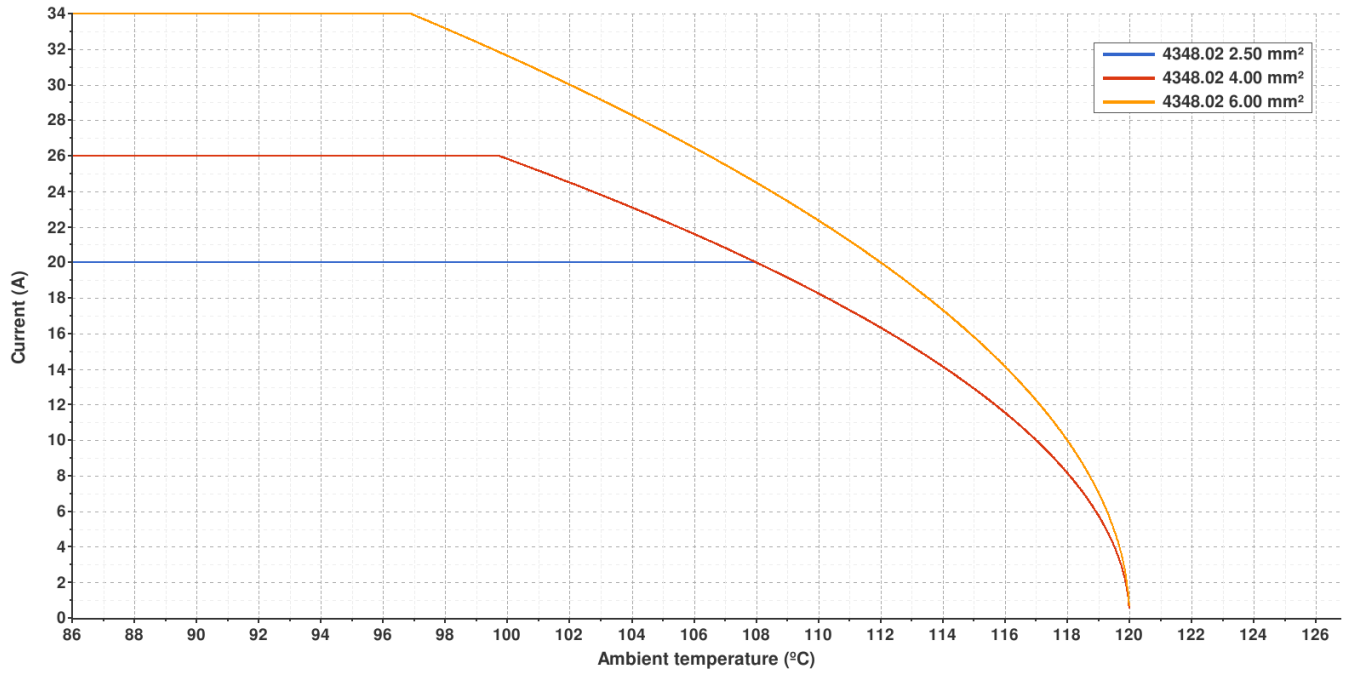


Valid for Natural Brass Tab

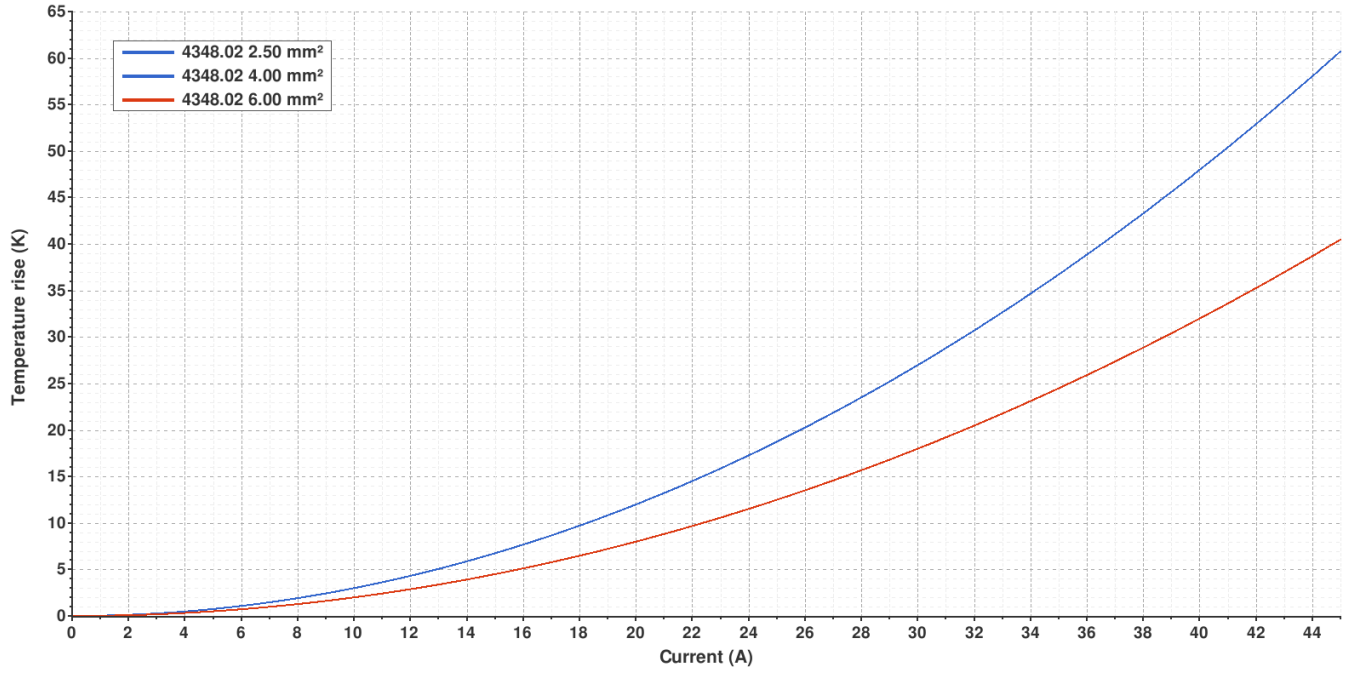
4348.02 TIN PLATED BRASS

6.3 (.250) TYPE SERIES · RECEPTACLES FOR CONNECTOR

Derating curve Current carrying capacity vs. Ambient temperature



Temperature rise curve Terminal temperature rise due to the current carried

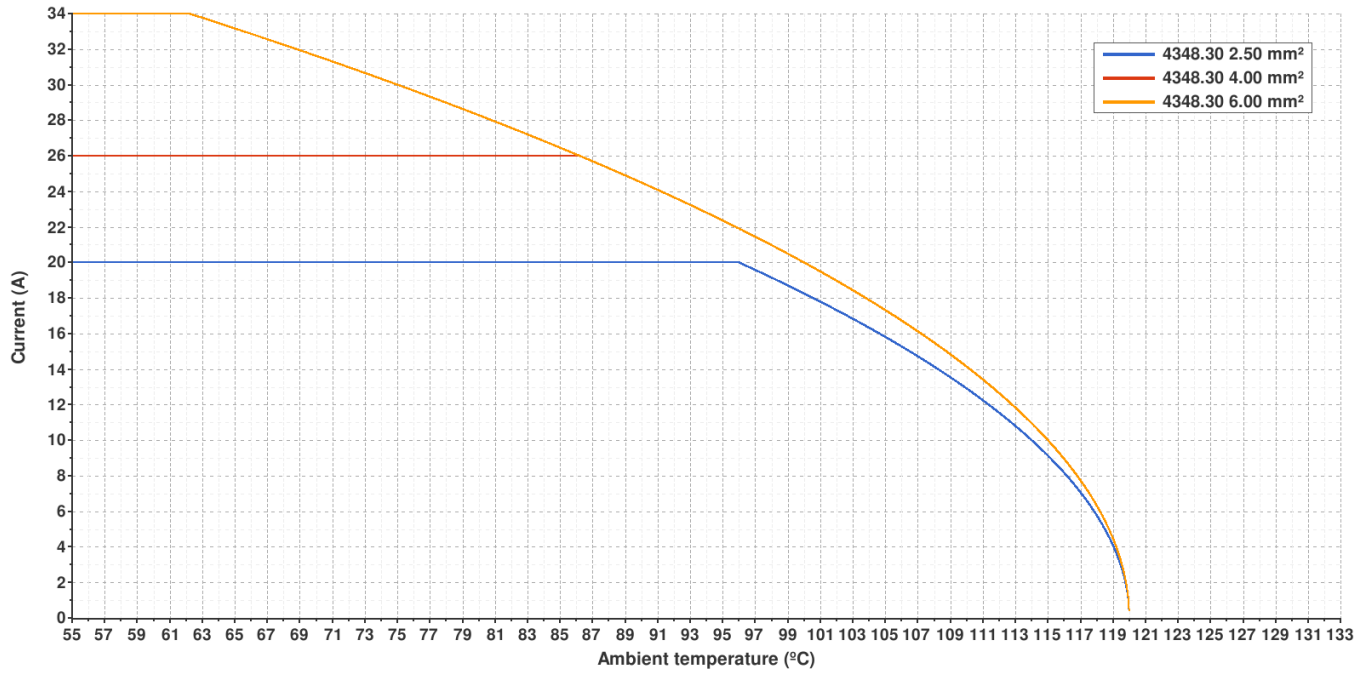


Valid for Natural Brass Tab

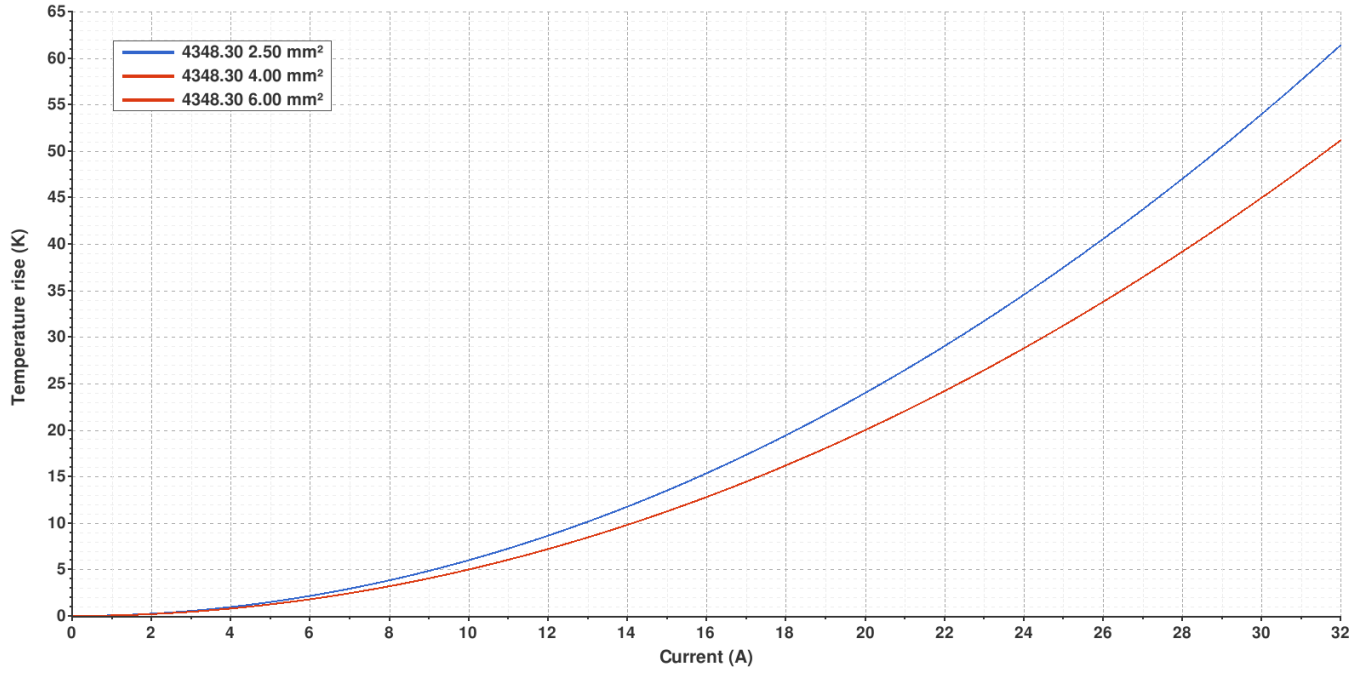
4348.30 NATURAL BRONZE

6.3 (.250) TYPE SERIES · RECEPTACLES FOR CONNECTOR

Derating curve Current carrying capacity vs. Ambient temperature



Temperature rise curve Terminal temperature rise due to the current carried

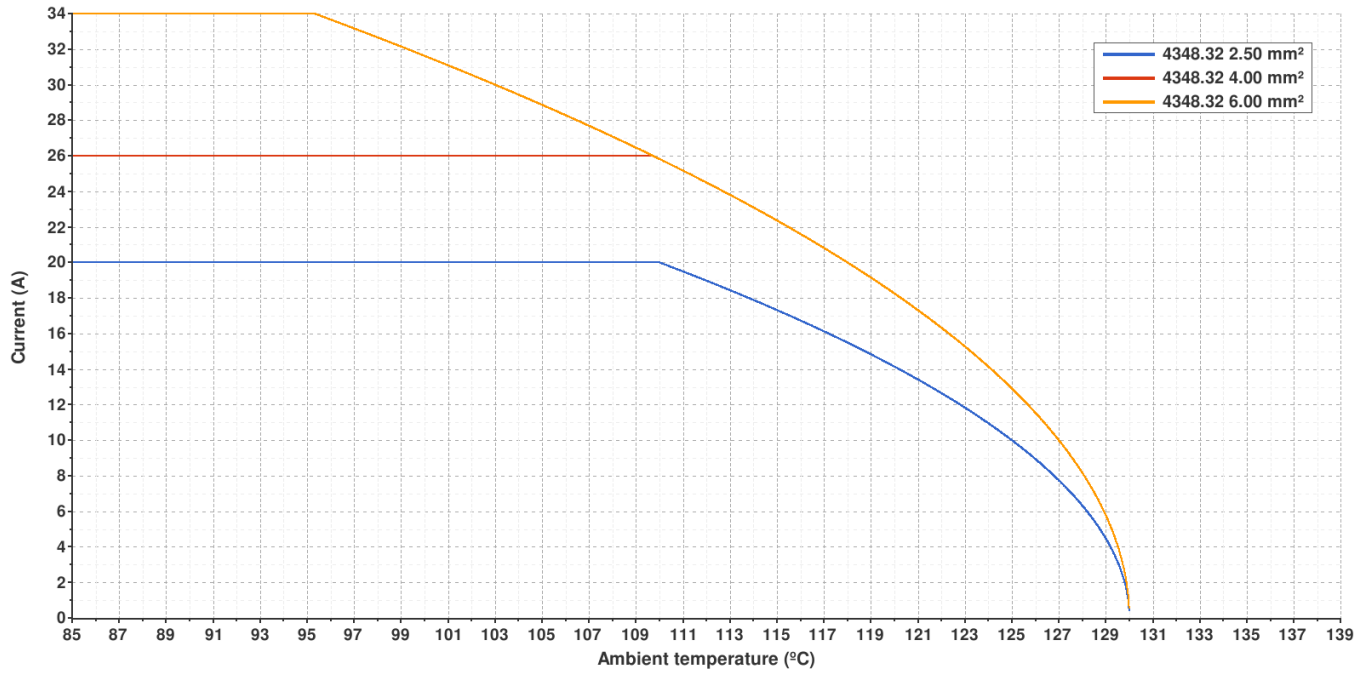


Valid for Natural Brass Tab

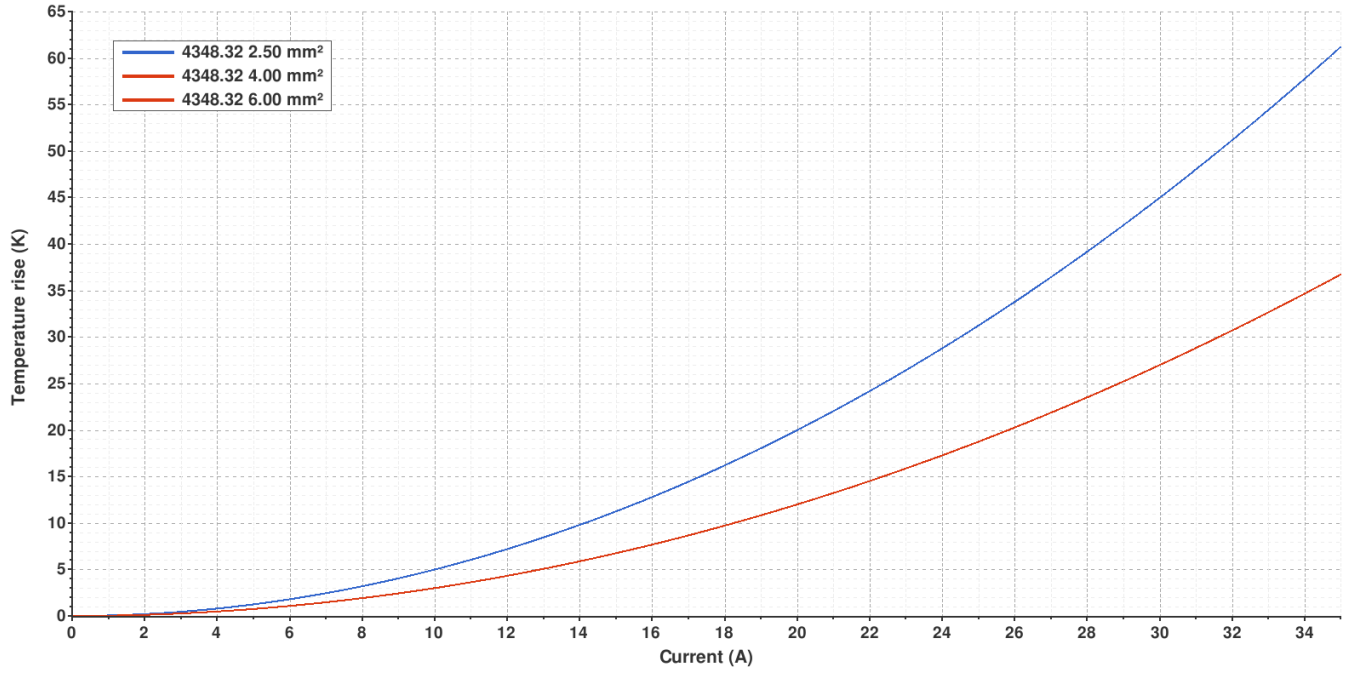
4348.32 TIN PLATED BRONZE

6.3 (.250) TYPE SERIES · RECEPTACLES 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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6.3 (.250) TYPE SERIES · RECEPTACLES FOR CONNECTOR

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